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ANNUAL SUMMARY

OF

BIRTHS, DEATHS, AND CAUSES OF DEATH

IN

LONDON,

AND OTHER LARGE CITIES,

1874.

PUBLISHED BY THE AUTHORITY OF THE REGISTRAR GENERAL OF BIRTHS, DEATHS, AND MARRIAGES IN ENGLAND.

LONDON:
PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.
FOR HER MAJESTY'S STATIONERY OFFICE.

1875.

LONDON, 1874.

AREA.—The area of London (the registration division so called) is 78,080 acres, or 122 square miles, including 2718 acres of the Thames; this is equal to 31,597 hectares, or 316 square kilometers.

ELEVATION.—The population of London resides at a mean elevation of 39 feet (11·9 metres) above Trinity high-water mark; the elevation varying from 11 feet (3·4 metres) below high-water mark in Plumstead Marshes, to 429 feet (131 metres) above high-water mark in Hampstead.

HOUSES.—At the Census in 1871 there were within this area 417,767 inhabited houses, containing an average of 7·8 persons to a house, exactly corresponding with the proportion in 1861.

ANNUAL RATEABLE VALUE OF PROPERTY (as assessed in 1871) = £19,996,786.

DENSITY (1871).—103 persons to a hectare; 42 persons to an acre; 26,674 to a square mile.

ANNUAL RATE OF INCREASE OF POPULATION PER CENT. . { 1851–61 . . 1·73 / 1861–71 . . 1·50

1874—POPULATION . . . (Estimated to the middle of the year.)	Males . 1,591,692 / Females . 1,809,009	TOTAL .	3,400,701
1874—BIRTHS	Males . 61,865 / Females . 59,529	TOTAL .	121,394
1874—ANNUAL RATE OF BIRTHS PER 1000			35·7
1874—DEATHS	Males . 39,144 / Females . 37,462	TOTAL .	76,606
1874—ANNUAL RATE OF MORTALITY PER 1000 .	Males . 24·6 / Females . 20·7	TOTAL .	22·5
1874—EXCESS OF REGISTERED BIRTHS OVER DEATHS . . .			44,788
1874—ESTIMATED INCREASE OF POPULATION			44,544

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ANNUAL SUMMARY.

LONDON,

AND OTHER LARGE CITIES,

1874.

General Register Office, Somerset House,
10th March 1875.

LONDON within the limits of the tables of mortality contained a population estimated for the middle of the year 1874 at *three millions four hundred thousand seven hundred and one.*

The increase of numbers since the preceding year is 44,544, as estimated by the steady rate of growth in previous years; and at the present time the excess of births over deaths is 44,788. This is a remarkable result. London is now self-sufficing; it not only sustains its own numbers, but it provides an annual surplus equal to the population of a large city. It was not always so. In the year 1861 the increase of population was 45,000, while the excess of births over deaths was only 32,000. In the year 1851 the increase of population was 44,000, the excess of registered births over deaths was 23,000; in the year 1841 the increase was 36,000, the excess of births over deaths 12,000. After allowing for defects of registration in the early years, the rapid natural increase is evident.

In the 52 weeks 121,394 births, 76,606 deaths were registered.

In the year 1605, 269 years ago, the christenings in London were 6504, the burials 6392.* But in the eight years 1604–11 the annual christenings were 6524, the annual deaths, including those from plague, 8124. Up to the Restoration the christenings declined, and fell in 1659 down to 5690, whereas the deaths were 14,756. The decline of church baptisms in London was due to the decline of church adherents rather than to a decline of births. In the latter part of Elizabeth's reign, or before the year 1600, Graunt says the births exceeded the deaths in the proportion of 70 to 58, that is 21 per cent.† At that time probably the greater part of the children were baptised at the churches. "In London," he adds, "it seems manifest that about *one* in 32 dies, over and above what die of the plague," which implies an annual mortality of about 31 per 1000 without, 40 at that period with the plague, and a birth-rate of 37.‡ On account of the excess of burials over baptisms in later times there was a good deal of exaggerated declamation.

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* A Collection of the London Bills of Mortality, with papers by Graunt, F.R.S., Sir W. Petty, F.R.S., and Corbyn Morris, F.R.S., printed in 1759.

† Bills of Mortality, p. 35.

‡ The Burials were, in the 8 years 1604–11, without the plague, 50,242; and with the plague, 64,994.

By many writers little or no reference is made to the defects of christenings; yet whilst christening was a voluntary act on the part of parents and guardians, it is evident that the Roman catholics, the baptists, as well as many other dissenters, and the multitude caring little or nothing for baptism, would not pay the church fees for that ceremony. The more accurate Graunt did not in his first papers notice defects, but in his last he observes that in the year 1672 in Paris 17,584 were buried, 18,427 christened; which difference "was very agreeable with the difference "formerly in the city of London before fanaticism and the anabaptists were known "in those parts; but in the same year of 1672, in the city of London and places "adjacent, the burials were 18,230, and the christenings but 12,563; by which it "plainly appears that 1-third * * * do not conform to the doctrine and discipline "of the Church of England." *

Mr. Corbyn Morris, another of the writers on the Weekly Bills in the collection, reckons up the burials from the revolution year 1688 to 1750, both inclusive, at 1,522,624, the christenings at 1,016,214; and as the difference is 506,410, he puts down the recruits from the country at "the astonishing number of above 500,000 persons." †

"These numerous recruits," he adds, "from the country have all been the flower "of it, in the prime of their years, and in full possession of their best activity and "vigour.

"What a monstrous loss hath this been to the nation? Compute the worth of "each to have been only an hundred pounds upon a medium, which is the least "price such persons would bear upon an average were they to be sold for "servants to any country where such purchases are admitted. Many of them "being scholars, and persons of skill in various sciences and manufactures, and "the whole sum will amount to fifty millions sterling. This therefore is the "value which hath been lost to this nation by their destruction * * Were such a "just policy introduced in this city as that the annual births might equal or "exceed the burials, it would produce glorious and happy effects." ‡

It is impossible to accept as a demonstration the assertion of the writer that the burials and christenings in communion with the Church of England are the "total amounts," or that the deficiency of the births and of deaths is in the same proportion. The opinion of Graunt is better founded that the births and deaths of the inhabitants in the seventeenth century were nearly equal in ordinary years. The increase of population was due to immigration, being such that, according to Sir William Petty's estimate, the population was 669,930 in 1682, 334,965 in 1642, and 167,483 at the close of Elizabeth's reign; § doubling from the beginning of the reign of James I. to the end of the reign of Charles II. every 40 years.

Morris, writing in 1750, says that "great numbers who have business to transact "in London come there for this purpose during a few hours only of the day, and "retire into the country in the evening; *which is become a general practice.*" ‖ Another general practice appears to have prevailed then, even more than in the present day, for he asserts that an increase of mortality is "particularly to be "charged to the abominable notorious consumption of spirituous liquors."

It is strange to find Dr. Price ascribe the mortality of London in the last century to "luxury," which, unless by it he meant intemperance, could not have affected the people at large, as it was entirely beyond the reach of ninety-nine in a hundred families.

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* Bills of Mortality, p. 55. Graunt's further observations.
† p. 105. ‡ pp. 105–6. § p. 69. ‖ p. 110.

The notion that the Metropolis is a "drain" on the population of the country, or that like a great monster it devours its children, emerges at intervals, and even quite recently it has been asserted that London should be credited with all the deaths and births in the country of whom the immigrants into London are the survivors. This requires examination, as the effects of immigration and emigration are not generally understood.

In London 1,198,684 persons in the year 1871 were enumerated as born elsewhere, of whom 976,665 were of the age of 20 and upwards, comprising 443,991 males, 532,674 females. But in the same year without going out of England 436,364 London-born children were enumerated in the country Divisions; to whom large numbers in favour of London should be added resident in the rest of the United Kingdom, in the Colonies, and in other parts of the world.

To illustrate the effect of immigration on a city, take first the population at two millions, stationary, and subject to the mortality experienced in England, then the births will be about 50,000, the deaths 50,000 annually. Now, let immigration commence at the rate of 6627 immigrants annually at the age of 20, none of whom ever have children; that will have the effect ultimately of adding 264,310 to the population, thus making it 2,264,310. As the immigrants were all born out of the city, the births will remain 50,000; but as the immigrants die in the city the deaths will be raised to 56,627. The deaths will exceed the births. But the rate of mortality will not be sensibly raised, inasmuch as the mortality of the people above 20 is nearly the same (25 per 1000) as the mortality of children and youths (23 per 1000) under 20: the rate of mortality at all ages being 24. It is true that the 6627 annual city immigrants are the survivors of 10,000 children born, of whom 3373 died in the country under the age of 20, leaving 6627 to die after the age of 20 in town. But if the 3373 are added, so must be added the mean population of 144,272 persons maintained under 20 by 10,000 annual births.

Such would be the state of things in the city did the immigrants produce no children; the population of the age of 20 and upwards would be disproportionately high, and the deaths would exceed the births in number. But the immigrants marry as they are of the prolific age, and produce an excess in the births which has the effect of redressing the irregularity, and bringing the births up to the pitch now observed in London. London can sustain its present increase by native births; and what actually takes place is a free influx of people born in the country, and an efflux of people born in London.

Increase of children.—The great fact of the increase of children in London shows the importance of providing adequate means for their education, including schools and playgrounds; for the athletic is only second to the moral training in importance. Now of 100 children born in London rather more than 72 attain the school age of 3 years; and as 112,617 births were registered in 1871, no less than 81,242 attained the school age in 1874; while of the 121,394 born in 1874, about 87,574 will attain the school age in 1877. The increase in three years will be some 6332.

Decrease of mortality.—The last three years show a marked reduction in the mortality of London, and imply an improvement of the health of the drained city. The annual mortality for the 10 years 1840–49 was 25·2, for the 35 years 1840–74 it was 24·2; for the last 3 years, 1872–74, it was 22·2. Upon the population of 1874 this reduction in the mortality of 3 in 1000 implies a diminution of 10,200 deaths a year, and of the constant sufferings of double that number, on an average, of sick people.

The Bill now before Parliament to facilitate the abolition of rookeries in great cities and to promote the erection of healthier dwellings will carry the improvement further.

Sewerage.—The great system of the sewerage of London is confined to the Inner London. It is now advancing to completeness.

Sir John Bazalgette states that since April last considerable progress has been made in the works for the western pumping station, which is now approaching completion. Nearly ¾ths of the length of low level sewer, about ½ mile, required to connect the drainage of the western districts with the pumping station has also been completed, so that the sewage of the western district will very shortly be conveyed to the outlet at Barking Creek. A considerable length of sewer has been executed at Wapping for the purpose of diverting into the low level sewer the sewage of a small area insulated from the main land by the London Docks.

Rates levied in London.—The returns for the year 1874 are not yet complete, but the statistical department of the Board of Trade supplies the following figures for the rates levied in the year that ended in 1873.

	£
Rates of the Metropolitan Board of Works, dealing with the sewage, embankment, &c. - - - -	218,780
City Corporation and Sewage Commissioners' rates -	206,455
Parish rate for vestries expenditure - - -	1,224,701
The rates for relief of the poor - - -	1,703,774
Water rates of *eight* companies - - - -	1,022,553
Rates raised by *nine* gas companies - - -	2,460,256

Thus besides the rates levied by the local authorities, amounting in the aggregate to 3,353,710*l.*, no less than 3,482,809*l.* were raised in rates by nine gas companies and eight water companies. The capital of the nine gas companies was 10,168,513*l.*; the excess of revenue over expenditure 744,785*l.* The capital of the eight water companies was 10,455,293*l.*; the excess of revenue over expenditure 618,064*l.* Of all the rates the gas is the heaviest, and the dividends of the gas companies on their capital are the highest. The great service of these companies is a striking example of the advantages of co-operation, as the heavy taxes they levy are of the cost incurred by a community without a good municipal organization.

The water companies supplied 511,186 houses and factories with 528,751 metric tons of water daily.

Prevailing Diseases.

Of zymotic diseases diarrhœa, scarlet fever, whooping-cough, measles, and fever were the most prevalent.

The remarkable prevalence of bronchitis and pneumonia demands special note. The numbers of deaths by bronchitis in the last two years were 10,259 and 9583; by pneumonia 4291 and 4298. Is there anything here corresponding with the pleuro-pneumonia of cattle?

Violent Deaths.

2843 and 2770 persons died violent deaths in the last two years; numbers exceeding by 411 the deaths in the previous two years. The deaths by murder and manslaughter declined from 109 and 125, to 124 and 97 in the same four years. And the deaths by burns and scalds, 279 and 274 in the last two years (35 and 19 of them by fires), still too numerous, are fewer than they were ten years ago. But the deaths by suffocation, chiefly of children, have largely increased, and so have the deaths by fractures and contusions.

The deaths by horse conveyances in the streets remain steadily the same ; 211 persons were so crushed, injured, and killed in the year ; 28 by horses, without carriages, 11 by carriages, 17 by omnibuses, 14 by tram cars, 33 by cabs, 4 by drays, 36 by carts, and 63 by vans or waggons. The kind of carriage producing 5 deaths was not described. 2805 cases of injury in the streets are reported by the Police.

While 33 persons were killed by cabs, 63 persons were killed by vans or waggons, the latter being less numerous, less skilfully driven, and with less power of control for want of adequate brakes. Measures should be taken to diminish the street deaths, or we shall see sacrificed to the Juggernaut of London, the same number of lives in the next, as were sacrificed in the preceding six years, 1239. Who is safe, who is sure that he shall not be one of the victims, or at least one of the 16,479 wounded ?

The Greater London.

The great fact before us is, that London is overflowing its ancient bounds. From *one* square mile of area ruled by the city authorities it has extended to 122 square miles under the Metropolitan Board of Works ; and now it is diffusing its population over the whole Metropolitan Police District of 15 miles radius and 706 miles of area. The population is estimated at 4,124,000, including about 724,000 in the outer ring. The births in the year were about 145,081, the deaths 89,205. The annual rate of mortality was 21·6 per 1000 ; namely, 16·9 in the outer ring, 22·6 in the inner London ; in both below the average of the ten years 1861–70.

Greater London ; comprising the Registration Districts or Sub-districts mostly within the Metropolitan and City Police Districts.

——	Area in Square Miles, including Thames Area and Foreshore.	Enumerated Population.		Population, estimated to the middle of 1874.	Average Annual *Mortality* per 1,000 in the 10 Years 1861–70.	Annual Rate of Mortality in 1874.
		1861.	1871.			
Metropolitan and City Police Districts - -	705·9	3,223,942	3,887,469	4,124,319	23·6	21·6
Registration London - -	122·0	2,803,989	3,254,260	3,400,701	24·4*	22·6*
Districts outside Registration London - -	583·9	419,953	633,209	723,618	18·7*	16·9*

Note.—The above figures relate to *entire* Registration Sub-districts, and included 1828 more people in the year 1871 than the Metropolitan Police Districts.

* These rates have been corrected for deaths occurring in the two Middlesex County Lunatic Asylums at Hanwell and Colney Hatch, both situated in the Outer Ring. It has been assumed that *nine-tenths* of the deaths were of inmates admitted from Registration London, and that the remaining *tenth* alone belonged to Outer London.

Births and Deaths registered in **Greater London** during the Year 1874.

——	Births.	Deaths.
GREATER LONDON -	145,081	89,205
Inner London - -	121,394	76,606
Outer Ring - - (Approximated).	23,687	12,599

Note.—The figures for Inner London are for 52 weeks, but those for the Outer Ring for the natural year.

London and other large Towns of the United Kingdom.

The birth-rate in the *twenty-one large towns* was 37·2, and the death-rate 25·4; so the natural increase was 11·8 per 1000. The mortality was highest in Liverpool (32), and Glasgow (31), lowest in Portsmouth, London, and Bristol.

Fifty other large Towns.—The birth-rate was 37·2, the death-rate 24·5, the natural increase 12·7. The mortality by seven of the principal zymotic diseases was at the rate of 4·5. The mortality was below 18 per 1000 in Rochester, Dover, and Cheltenham; the mortality exceeded 30 in five towns; it was 32 in Stockport, 32 in Ashton-under-Lyne, 32 in Merthyr Tydfil, 36 in Preston, and 37 in fatal Wigan.

Sixteen Foreign Cities, 1874.

The enlightened municipal authorities of sixteen of the great cities of the world make weekly returns in correspondence with London. Their population is estimated at 8,660,785; the number of deaths in the year was 223,975; and the death-rate was 26 per 1000.

Sixteen Foreign Cities in the Year 1874.

Towns.	Enumerated or Estimated Population.	Persons Married.	Exclusive of Still-born.		Rate per 1000 Persons living.		
			Births.	Deaths.	Persons Married.	Births.	Deaths.
Calcutta	447,600	—	—	12,652	—	—	28·3
Bombay	644,405	—	—	15,407	—	—	23·9
Madras	397,552	—	—	14,715	—	—	37·0
Paris	1,851,792	—	—	41,421	—	—	22·4
Brussels	185,000	3,520	6,317	4,413	19·0	34·1	23·9
Amsterdam	282,000	—	—	7,521	—	—	26·7
The Hague	94,895	—	—	2,512	—	—	26·5
Copenhagen	200,000	—	—	5,444	—	—	27·2
Berlin	828,000	—	—	27,262	—	—	32·9
Hamburg (State)	357,453	3,498	14,116	9,661	23·8	39·5	27·0
Vienna	644,356	—	—	15,826	—	—	24·6
Rome	248,307	3,028	7,628	6,839	12·2	30·7	27·5
Turin	214,425	3,372	6,763	5,731	15·7	31·5	26·7
New York	1,040,000	—	—	28,620	—	—	27·5
Brooklyn	450,000	—	—	10,985	—	—	24·4
Philadelphia	775,000	—	—	14,966	—	—	19·3

TABLES.

TABLE **1.—Population; Persons** to an **Acre; Births** and **Deaths; Annual Birth** and **Death Rates; Mean Temperature** and **Rainfall,** in the Year 1874, in **London** and **Twenty** other **Large Towns** of the **United Kingdom.**

CITIES AND BOROUGHS.	ESTIMATED POPULATION in the middle of the Year 1874.*	PERSONS to an Acre, mid. 1874.	BIRTHS in 52 Weeks ending 2nd Jan. 1875.	DEATHS in 52 Weeks ending 2nd Jan. 1875.	ANNUAL RATE per 1000 living, of BIRTHS in 52 Weeks ending 2nd Jan. 1875.	DEATHS in 52 or 53 Weeks in each Year. 1874.	1870.	1871.	1872.	1873.	DEATHS in 52 Weeks ending 2nd Jan. 1875.	MEAN TEMPERATURE in 52 Weeks ending 2nd Jan. 1875.	RAINFALL in inches in 52 Weeks ending 2nd Jan. 1875.
In 21 TOWNS of the UNITED KINGDOM	7,618,655	36·6	283,096	193,325	37·2	25·8	26·9	24·3	24·4	25·4	° 48·1	Inches. 26·35
LONDON	3,400,701	† 45·1	121,394	76,606	35·7	24·0	24·6	21·4	22·5	22·5	49·4	20·14
PORTSMOUTH	120,436	26·8	3,826	2,453	31·8	22·1	19·3	22·9	18·4	20·4	..	25·75
NORWICH	82,257	11·0	2,606	1,935	31·7	27·7	25·9	26·3	21·5	23·5	47·4	18·76
BRISTOL	192,889	43·3	7,030	4,382	36·4	28·4	23·2	22·0	23·1	22·7	..	..
WOLVERHAMPTON	70,896	20·9	2,822	1,693	39·8	23·5	28·0	25·9	25·1	23·9	48·2	27·74
BIRMINGHAM	360,892	43·0	14,898	9,664	41·3	23·0	24·9	23·0	24·9	26·8	48·6	27·80
LEICESTER	106,202	33·2	4,353	2,560	41·0	27·9	26·8	26·8	24·4	24·1	48·3	21·37
NOTTINGHAM	90,894	45·5	3,204	2,255	35·2	24·9	26·0	25·3	23·2	24·8	47·9	18·56
LIVERPOOL	510,640	98·0	19,860	16,336	38·9	32·9	35·1	27·1	25·9	32·0	48·5	25·35
MANCHESTER	355,339	82·8	13,942	10,799	39·2	29·8	31·2	28·6	30·1	30·4	48·0	33·84
SALFORD	133,063	25·7	5,884	3,935	44·2	25·8	30·4	25·8	29·3	29·6	47·5	34·99
OLDHAM	86,281	18·5	3,557	2,564	41·2	27·0	24·9	31·1	25·8	29·7	..	..
BRADFORD	163,056	22·6	6,528	4,395	40·0	27·5	25·5	26·3	24·7	27·0	47·5	23·33
LEEDS	278,798	12·9	11,578	8,001	41·5	28·7	26·4	27·9	27·6	28·7	48·2	21·70
SHEFFIELD	261,029	13·3	10,861	7,009	41·6	26·5	28·3	26·0	25·8	26·9	48·3	22·30
HULL	130,996	36·0	5,353	3,340	40·9	23·8	23·2	26·1	23·9	25·5	46·6	21·66
SUNDERLAND	104,378	31·6	4,257	2,443	40·8	20·9	36·5	26·5	22·8	23·4	..	..
NEWCASTLE-ON-TYNE	135,437	25·2	5,533	3,959	40·9	25·4	32·2	26·3	30·1	29·2	..	..
EDINBURGH	211,691	47·8	6,807	5,005	32·2	23·7	26·9	26·5	22·0	23·6	..	..
GLASGOW	508,109	100·4	19,900	15,801	39·2	29·6	32·9	28·4	29·1	31·1	..	..
DUBLIN	314,666	31·3	8,903	8,190	28·3	24·9	26·2	28·5	25·7	26·0	49·1	26·75

NOTE.—The deaths in Birmingham, Manchester, and Bristol include paupers belonging to those cities who died in Workhouses situated outside the Municipal boundaries.

* The figures in this column, excepting those for Dublin, are the numbers enumerated at the Census in April 1871, raised to the middle of 1874 by the addition of 3¼ times the annual rate of increase which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in 1871.

† For density of population per acre in the several Registration Districts of London, see Table 10.

TABLE 2.—**Mean Temperature** at the **Royal Observatory, Greenwich,** and **Annual Rate** of **Mortality** per 1000 Persons living in **Twenty-one Large Towns** of the **United Kingdom,** in each Week of 1874.

Number of Week.	Weeks ending	Mean Temperature at Greenwich.		Annual Rate of Mortality per 1000 in																				
		Fahrenheit.	Centigrade.	Eighteen large Towns.	London.	Portsmouth.	Norwich.	Bristol.	Wolverhampton.	Birmingham.	Leicester.	Nottingham.	Liverpool.	Manchester.	Salford.	Oldham.	Bradford.	Leeds.	Sheffield.	Hull.	Sunderland.	Newcastle-on-Tyne.	Edinburgh.	Glasgow.	Dublin.
		°	°																					
	Year (of 52 Weeks ending 2d Jan. 1875.)	49·4	9·66	25	23	20	24	23	24	27	24	25	32	30	30	30	27	29	27	25	23	29	24	31	26
	March Qr. (13 weeks)	41·6	5·34	25	24	24	24	25	22	28	22	25	28	30	30	31	24	29	25	23	23	29	25	30	27
	June „ (13 weeks)	53·5	11·95	22	20	20	22	21	22	23	19	22	28	29	25	29	24	27	25	20	20	25	23	29	26
	Sept. „ (13 weeks)	60·6	15·90	24	21	18	22	20	25	28	29	25	35	30	31	27	28	30	28	27	24	32	19	28	24
	Dec. „ (13 weeks)	41·8	5·45	28	26	19	26	25	27	28	27	28	38	33	33	32	32	29	30	33	27	32	27	38	27
1	Jan. 10	40·0	4·44	26	25	29	25	25	24	34	18	24	27	31	32	30	23	28	22	18	19	37	31	29	24
2	„ 17	41·6	5·34	26	24	23	22	24	23	34	23	28	32	27	32	33	26	27	22	24	30	26	25	29	24
3	„ 24	43·6	6·45	24	23	20	22	21	21	27	18	21	27	28	27	34	21	29	20	18	21	32	25	27	22
4	„ 31	41·1	5·06	23	22	20	26	26	15	28	19	28	25	24	29	22	23	27	21	24	17	21	24	28	36
5	Feb. 7	36·5	2·50	24	22	26	17	22	22	25	26	33	27	26	31	30	23	29	25	21	22	32	25	25	20
6	„ 14	36·3	2·39	27	25	22	26	24	30	29	22	28	33	34	26	33	20	34	28	30	14	29	24	32	22
7	„ 21	40·0	4·44	28	25	26	29	27	26	31	30	24	33	38	30	29	31	31	32	27	24	27	26	31	22
8	„ 28	42·2	5·67	27	27	21	31	33	24	29	21	25	27	30	29	36	24	33	28	24	25	25	24	32	22
9	Mar. 7	41·6	5·34	26	24	26	25	27	21	28	22	22	28	28	34	28	20	31	29	20	22	30	28	28	22
10	„ 14	35·7	2·06	26	23	29	27	25	14	29	21	29	28	33	33	38	23	28	27	24	30	30	21	30	33
11	„ 21	46·5	8·06	26	25	28	21	26	21	23	26	20	29	33	29	25	20	30	23	21	28	31	29	31	23
12	„ 28	48·2	9·00	25	23	25	23	22	24	28	17	25	27	28	27	30	28	29	22	20	24	30	24	30	22
13	April 4	48·1	8·95	23	21	18	19	21	20	24	20	25	25	30	28	36	25	29	23	23	28	29	25	32	22
14	„ 11	45·1	7·28	23	21	23	28	21	25	28	27	20	26	27	20	27	20	26	21	16	20	26	30	31	23
15	„ 18	47·1	8·39	23	21	24	22	23	22	24	22	29	27	30	25	29	20	29	25	16	22	24	24	32	33
16	„ 25	57·6	14·23	23	20	18	29	22	29	24	19	24	28	29	29	31	28	27	29	22	22	28	25	31	23
17	May 2	50·6	10·34	22	19	20	16	16	24	26	16	25	27	34	19	32	25	29	24	15	19	24	25	30	23
18	„ 9	44·2	6·78	22	21	19	20	18	25	21	16	15	30	27	26	26	18	25	27	25	17	26	23	26	33
19	„ 16	46·6	8·12	23	20	27	22	20	26	22	21	18	29	31	24	31	23	28	26	23	23	23	28	29	23
20	„ 23	51·6	10·90	23	20	23	23	19	19	20	21	23	29	30	25	31	24	33	24	25	25	22	19	29	23
21	„ 30	59·5	15·28	23	21	19	22	24	20	23	14	28	24	29	31	36	28	26	29	29	25	29	25	33	23
22	June 6	63·3	17·39	22	19	16	22	24	17	20	19	19	27	32	29	28	25	26	24	15	19	24	20	28	23
23	„ 13	57·1	13·95	21	18	20	26	21	22	22	21	21	27	26	25	28	27	23	23	22	15	25	22	30	23
24	„ 20	53·7	12·06	22	19	16	19	24	20	24	18	19	26	28	25	25	28	29	27	16	17	24	22	28	23
25	„ 27	57·4	14·11	21	19	21	17	25	15	24	14	22	28	25	26	32	25	23	22	22	18	27	19	26	23
26	July 4	61·8	16·56	22	21	16	26	20	20	23	15	18	30	30	24	24	27	24	20	20	24	22	21	26	23
27	„ 11	66·8	19·34	22	20	16	17	23	26	21	20	19	30	26	29	22	26	26	24	22	16	29	17	28	23
28	„ 18	65·7	18·72	25	24	19	19	21	21	24	30	24	29	28	31	27	24	33	24	18	21	26	21	26	23
29	„ 25	64·4	18·00	28	25	20	14	22	33	28	37	27	35	37	36	20	27	37	37	26	26	34	24	35	23
30	Aug. 1	61·2	16·22	30	25	24	23	20	24	36	46	37	42	36	35	27	32	36	38	24	26	34	22	32	23
31	„ 8	60·6	15·90	28	23	22	20	24	28	32	39	26	38	34	36	34	26	36	31	24	32	41	18	28	23
32	„ 15	58·2	14·55	26	21	25	26	19	22	34	33	30	35	32	31	28	30	27	35	34	25	32	19	27	23
33	„ 22	61·9	16·61	25	20	20	28	22	22	32	35	25	34	32	30	26	30	31	28	32	30	32	18	29	23
34	„ 29	59·4	15·22	23	19	12	19	18	27	28	21	18	35	30	31	34	27	29	24	31	32	33	18	26	23
35	Sept. 5	60·3	15·73	23	19	17	19	17	32	28	29	26	32	27	30	22	29	29	29	27	26	32	17	25	23
36	„ 12	56·4	13·55	23	19	18	23	21	33	26	23	25	37	25	31	27	28	26	25	27	22	34	19	25	23
37	„ 19	55·4	13·00	23	19	17	22	20	23	26	20	24	36	26	26	27	27	31	25	29	16	25	21	26	23
38	„ 26	60·1	15·62	21	17	13	19	17	17	23	23	24	33	31	28	28	27	23	23	25	16	34	19	28	23
39	Oct. 3	56·8	13·78	22	18	15	30	21	20	23	23	17	33	27	26	27	35	23	25	26	28	28	18	26	23
40	„ 10	49·1	9·50	24	19	16	16	19	19	28	24	26	37	32	29	39	28	28	25	36	24	34	21	29	23
41	„ 17	55·9	13·28	24	21	17	19	21	26	27	26	20	36	31	26	26	24	25	26	32	25	37	24	26	23
42	„ 24	47·9	8·83	23	20	14	23	20	18	23	21	20	33	30	28	27	26	30	21	36	26	27	21	30	23
43	„ 31	53·3	11·84	24	21	13	25	23	25	28	26	22	36	27	30	28	32	24	28	31	24	29	20	35	23
44	Nov. 7	49·5	9·72	24	22	17	20	22	20	28	23	20	35	25	25	21	26	29	26	29	27	28	22	36	23
45	„ 14	41·1	5·06	25	23	13	20	19	22	23	29	21	34	27	32	36	25	28	27	28	26	28	24	36	23
46	„ 21	44·1	6·73	29	28	20	25	21	25	29	22	32	37	30	32	25	36	26	31	33	25	30	27	36	23
47	„ 28	32·8	0·45	30	30	19	25	24	25	26	29	24	39	32	33	27	33	30	35	28	36	26	26	35	23
48	Dec. 5	38·6	3·67	33	33	24	31	23	47	29	28	32	41	33	35	36	34	27	38	35	31	32	26	39	23
49	„ 12	39·1	3·95	33	32	19	32	34	32	31	32	32	39	34	35	35	33	32	36	33	30	40	33	40	23
50	„ 19	32·9	0·50	31	30	23	35	24	23	26	29	33	40	36	34	33	34	27	35	36	29	29	31	45	23
51	„ 26	29·9	−1·17	29	25	20	34	29	29	31	29	37	36	41	40	39	40	33	30	32	19	35	31	50	23
52	Jan. 2 (1875)	28·8	−1·78	40	37	34	37	43	37	37	41	44	51	51	50	45	43	38	33	36	30	36	42	60	23

TABLE **3.—Deaths** in **18** of the **largest English Towns** in the 52 Weeks ending 2nd Jan. 1875.

(Estimated aggregate population in middle of 1874, 6,584,189; viz., 3,400,701 in London, and 3,183,488 in the 17 other Towns.)

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	Deaths from ALL CAUSES.	The DEATHS registered in the 52 Weeks included											
		Deaths of		Deaths from								Inquest Cases.	In Public Institutions.
		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 18 TOWNS - -	164,329	43,176	32,189	867	3423	8404	691	3954	3811	8332	5687	10369	22,815
LONDON - - - -	76606	18875	16523	56	1655	2662	365	1861	1554	3077	2770	5487	13208
PORTSMOUTH - -	2453	579	538	2	55	35	24	105	105	113	58	131	257
NORWICH - - -	1935	461	619	–	6	2	8	17	34	101	57	116	206
BRISTOL - - - -	4382	1074	1118	26	66	22	14	43	84	159	156	260	618
WOLVERHAMPTON -	1693	478	340	1	49	34	6	37	46	101	49	81	241
BIRMINGHAM - -	9664	2677	1453	639	134	741	73	248	199	616	398	733	1138
LEICESTER - - -	2560	934	511	–	24	23	8	43	56	256	50	167	222
NOTTINGHAM - -	2255	625	543	–	19	49	9	24	59	140	59	144	247
LIVERPOOL - - -	16336	4633	3128	30	444	1911	54	516	433	879	716	898	2241
MANCHESTER - -	10799	2740	1686	10	226	495	11	319	215	668	334	857	1651
SALFORD - - -	3935	1110	562	4	138	156	14	133	124	296	115	222	291
OLDHAM - - -	2564	675	430	1	84	72	12	96	45	90	68	122	173
BRADFORD - - -	4395	1235	694	60	137	288	3	68	106	230	111	143	340
LEEDS - - - -	8001	2312	1204	34	185	664	29	143	205	502	188	296	603
SHEFFIELD - - -	7009	2046	1052	1	75	672	21	132	190	475	193	269	489
HULL - - - - -	3340	921	668	3	50	184	12	49	170	222	104	119	292
SUNDERLAND - -	2443	708	452	–	60	136	14	16	70	171	89	106	163
NEWCASTLE-ON-TYNE -	3959	1093	668	–	16	258	14	104	116	236	172	218	435

TABLE **4.—Analysis** of the **Mortality** in **18** of the **largest English Towns** in the 52 Weeks ending 2nd January 1875.

BOROUGHS, &c.	ANNUAL RATE OF MORTALITY per 1000 living from		PER-CENTAGE OF DEATHS under 1 Year to Births Registered.	PER-CENTAGE, TO TOTAL DEATHS, OF DEATHS					
	ALL CAUSES.	SEVEN PRINCIPAL ZYMOTIC DISEASES.		Of Infants under 1 Year of Age.	Of Persons aged 60 Years and upwards.	From Seven Zymotic Diseases.	From Violence.	Registered upon Information of the Coroner, (Inquests.)	Registered in large Public Institutions.
In 18 TOWNS - -	25·0	4·5	17·4	26·3	19·6	17·9	3·5	6·3	13·9
LONDON - - - -	22·5	3·3	15·5	24·6	21·6	14·7	3·6	7·2	17·2
PORTSMOUTH - -	20·4	3·6	15·1	23·6	21·9	17·9	2·4	5·3	10·5
NORWICH - - -	23·5	2·0	17·7	23·8	32·0	8·7	2·9	6·0	10·6
BRISTOL - - - -	22·7	2·1	15·3	24·5	25·5	9·4	3·6	5·9	14·1
WOLVERHAMPTON -	23·9	3·9	16·9	28·2	20·1	16·2	2·9	4·8	14·2
BIRMINGHAM - -	26·8	7·3	18·0	27·7	15·0	27·4	4·1	7·6	11·8
LEICESTER - - -	24·1	3·9	21·5	36·5	20·0	16·0	2·0	6·5	8·7
NOTTINGHAM - -	24·8	3·3	19·5	27·7	24·1	13·3	2·6	6·4	11·0
LIVERPOOL - - -	32·0	8·4	23·3	28·4	19·1	26·1	4·4	5·5	13·7
MANCHESTER - -	30·4	5·5	19·7	25·4	15·6	18·0	3·1	7·9	15·3
SALFORD - - -	29·6	6·5	18·9	28·2	14·3	22·0	2·9	5·6	7·4
OLDHAM - - -	29·7	4·6	19·0	26·3	16·8	15·6	2·7	4·8	6·7
BRADFORD - - -	27·0	5·5	18·9	28·1	15·8	20·3	2·5	3·3	7·7
LEEDS - - - -	28·7	6·3	20·0	28·9	15·0	22·0	2·3	3·7	7·5
SHEFFIELD - - -	26·9	6·0	18·8	29·2	15·0	22·3	2·8	3·8	7·0
HULL - - - - -	25·5	5·3	17·2	27·6	20·0	20·7	3·1	3·6	8·7
SUNDERLAND - -	23·4	4·5	16·6	29·0	18·5	19·1	3·0	4·3	6·7
NEWCASTLE-ON-TYNE -	29·2	5·5	19·8	27·6	16·9	18·8	4·3	5·5	11·0

TABLE **5.—Population; Births** and **Deaths** during the Year 1874 in **Fifty other large Town Districts.**

District Number.	Towns.	Estimated Population in the middle of the Year 1874.*	Registered during the Year 1874.		Annual Rate to 1,000 living during the Year 1874.			Districts and Sub-districts, taken as approximately representing the several Towns.
			Births.	Deaths.	Births.	Deaths.	Deaths from 7 Zymotic Diseases.	
	TOTAL of 50 TOWNS -	2,680,436	99,712	65,610	37·2	24·5	4·5	Total of the under-mentioned Districts and Sub-districts.
	II.—SOUTH EASTERN COS.							
45	Rochester and Chatham P -	61,755	1893	1071	30·7	17·3	1·5	Entire District of Medway.
49	Maidstone - - - M† -	27,321	839	551	30·7	20·2	3·0	West and East Sub-districts.
63	Dover - - - - M -	36,534	1094	647	29·9	17·7	2·1	Entire District.
67	Hastings - - - M† -	34,472	948	682	27·5	19·8	2·4	[Sub-districts. All Saints and St. Mary-in-the-Castle
76	Brighton - - - P -	109,319	3086	2100	28·2	19·2	2·4	Entire District and part of Shoreham (Steyning) Sub-district.
88	Gosport - - - -Town-	22,641	718	515	31·7	22·7	2·9	Entire District of Alverstoke.
96	Southampton - - M -	49,668	1613	977	32·5	19·7	1·5	Entire District.
118	Reading - - - M† -	36,202	1333	671	36·8	18·5	1·9	Entire District.
	III.—SOUTH MIDLAND COS.							
149	Oxford - - - - M -	41,004	1327	851	32·4	20·8	2·4	Entire District, and St. Clement (Headington) Sub-district.
159	Northampton - - M† -	51,025	1944	1068	38·1	20·9	3·6	St. Giles & All Saints Sub-districts.
178	Cambridge - - - M -	31,395	933	635	29·7	20·2	1·9	Entire District.
	IV.—EASTERN COUNTIES.							
195	Colchester - - - M -	27,224	838	537	30·8	19·7	2·7	Entire District.
213	Ipswich - - - - M -	44,586	1529	1003	34·3	22·5	3·3	Entire District.
219	Yarmouth - - - M† -	46,301	1420	1032	30·7	22·3	6·4	Entire District and Gorleston (Mutford) Sub-district.
	V.—SOUTH WESTERN COS.							
272	Exeter - - - - M -	34,953	1057	756	30·2	21·6	2·0	Entire District.
277	Plymouth - - - M -	70,990	2133	1590	30·0	22·4	4·4	Entire District.
278	East Stonehouse - - —† -	14,665	515	339	35·1	23·1	5·9	Entire District.
279	Devonport - - - M -	49,131	1421	978	28·9	19·9	2·9	Entire District of Stoke Damerel.
317	Bath - - - - - M† -	54,531	1352	1180	24·8	21·6	1·8	Bathwick, Abbey, Lyncombe, Walcot, and Lansdown Sub-districts.
	VI.—WEST MIDLAND COS.							
335	Cheltenham - - - P† -	42,674	1030	706	24·1	16·5	1·6	Cheltenham Sub-district.
351	Shrewsbury - - - M† -	27,747	835	530	30·1	19·1	1·6	St. Mary & St. Chad (Atcham) Sub-dists.
364	Stoke-upon-Trent - P -	154,650	7204	3943	46·6	25·5	3·7	Entire Dis. and Tunstall, Burslem (Wolstanton) Sub-dists.
373	Walsall - - - - M† -	52,257	2303	1209	44·1	23·1	5·0	Bloxwich & Walsall Sub-districts.
375	Dudley - - - - M† -	43,413	2101	1248	48·4	28·7	5·4	Dudley Sub-district.
380	Worcester - - - M -	32,901	1025	727	31·2	22·1	3·1	Entire District.
393	Coventry - - - M -	39,627	1579	1032	39·8	26·0	6·4	Entire District.
	VII.—NORTH MIDLAND COS.							
421	Lincoln - - - - M† -	33,156	1236	810	37·3	24·4	5·3	Home Sub-district.
438	Derby - - - - M -	66,513	2573	1423	38·7	21·4	3·0	Entire District.
	VIII.—NORTH WESTERN COS.							
445	Stockport - - - M† -	58,894	2353	1865	40·0	31·7	5·8	Heaton Norris, and Stockport 1st and 2d Sub-districts.
446	Macclesfield - - - M† -	33,374	1161	895	34·8	26·8	3·6	East and West Macclesfield and Sutton Sub-districts.
452	Chester - - - - M† -	47,926	1484	1096	31·0	22·9	3·4	Castle and Cathedral Sub-districts.
454	Birkenhead - - - P -	69,779	2995	1577	42·9	22·6	4·3	Birkenhead and Tranmere Sub-districts.
459	Wigan - - - - M† -	39,594	1983	1471	50·1	37·2	10·2	Wigan Sub-district.
462	Bolton - - - - M† -	84,643	3304	2332	39·0	27·6	5·2	Little, Eastern, and Western Bolton Sub-districts.
463	Bury - - - - - P† -	46,239	1780	1110	38·5	24·0	3·1	South and North Bury, and Elton Sub-districts.
468	Ashton-under-Lyne - M† -	30,676	1296	987	42·2	32·2	4·7	Ashton Town Sub-district.
470	Rochdale - - - M† -	50,496	1814	1262	35·9	25·0	3·7	Castleton nearer, Spotland nearer, and Wardleworth Sub-districts.
474	Blackburn - - - M† -	81,203	3305	2369	40·7	29·2	6·4	Blackburn Sub-district.
476	Preston - - - - M† -	86,236	3582	3110	41·5	36·1	10·6	Preston Sub-district.
	IX.—YORKSHIRE.							
494	Huddersfield - - M† -	77,924	2758	1757	35·4	22·5	3·4	Almondbury, Kirkheaton, Huddersfield, & Lockwood Sub-dists.
495	Halifax - - - - M† -	84,586	2929	2077	34·6	24·6	4·8	Southowram, Halifax, and Northowram Sub-districts.
515	York - - - - - M† -	57,873	1965	1290	34·0	22·3	3·2	Bootham, Micklegate, and Walmgate Sub-districts.
	X.—NORTHERN COUNTIES.							
551	South Shields - - M -	88,562	3959	2317	44·7	26·2	5·5	Entire District.
552	Gateshead - - - M -	54,063	2562	1606	47·4	29·7	6·3	Gateshead Sub-district.
554	Tynemouth - - - M -	42,503	1613	1136	38·0	26·7	5·4	North Shields and Tynemouth Sub-dists.
569	Carlisle - - - - M† -	34,561	1199	1030	34·7	29·8	11·7	St. Cuthbert & St. Mary Sub-dists.
	XI.—MONMOUTHSH. & WALES.							
582	Newport (Monmouth) M† -	31,760	1192	654	37·5	20·6	2·3	Newport Sub-district.
583	Cardiff - - - - M† -	72,205	2879	1681	39·9	23·3	4·4	Cardiff Sub-district.
585	Merthyr Tydfil - - P -	97,734	4302	3076	44·0	31·5	7·6	Lower and Upper Merthyr Tydfil, and Aberdare Sub-districts.
588	Swansea - - - M -	72,950	3418	2101	46·9	28·8	7·7	Swansea and Llangafelach, and Llansamlet (Neath) Sub-dists.

NOTE.—The letter M or P affixed to the name of each Town denotes whether the limits, which the Districts or Sub-districts in the last column approximately represent, are Municipal or Parliamentary.

* The figures in this column are the unrevised numbers enumerated at the Census in April 1871, raised to the middle of 1874 by the addition of 3¼ times the annual rate of increase which prevailed between 1861 and 1871. A decrease of population between 1861 and 1871 was shown in Gosport, Devonport, Dudley, Coventry, Macclesfield, and Ashton-under-Lyne; in these instances the enumerated population has been proportionally depressed on the same principle.

† The rates of mortality for these towns have been corrected by the exclusion of a proportional number of deaths occurring in County Hospitals and Lunatic Asylums, situated within the Districts or Sub-districts here taken as representing the town, or by the exclusion or addition of a proportion of the deaths in Union Worknouses in cases where a portion of the Union only is embraced by the area taken, or where the Workhouse is situated outside that area.

TABLE **6.—Population** at different **Ages** in **London,** as enumerated at the Censuses of **1851, 1861,** and **1871,** with the Numbers of **Males** and **Females** at the various **Ages** in **1871.**

—	All Ages.	Under 5 Years.	5–	10–	15–	20–	25–	30–	35–	40–	45–	50–	55–	60–	65–	70–	75–	80–	85–	90–	95–	100 & upwds.
1851.																						
Persons	2,362,236	293,562	243,648	216,369	213,694	241,401	226,632	201,491	164,588	144,361	110,426	97,937	63,903	59,043	36,440	26,168	13,474	6,371	2,025	553	123	27
1861.																						
Persons	2,803,989	362,296	300,259	264,349	259,155	277,389	252,035	224,767	190,517	175,900	134,190	112,728	78,187	71,316	42,936	31,103	16,194	7,527	2,394	595	131	21
1871.																						
Persons	3,254,260	422,629	349,686	309,658	307,075	321,585	296,884	255,089	212,398	192,556	153,728	137,249	93,370	80,895	52,388	37,810	18,710	8,894	2,822	669	139	26
Males -	1,523,151	211,032	172,967	153,138	143,221	143,822	135,039	117,966	97,834	89,452	71,604	62,951	42,053	34,814	21,471	14,869	6,803	3,008	894	173	34	6
Females	1,731,109	211,597	176,719	156,520	163,854	177,763	161,845	137,123	114,564	103,104	82,124	74,298	51,317	46,081	30,917	22,941	11,907	5,886	1,928	496	105	20

NOTE.—In England the proportion of Females to Males in the population in 1871 was as 105 to 100; in London it was as 114 to 100, and corresponded with the proportion which prevailed at the 1861 Census. The excess of Females is especially apparent at the ages 15-20, and in each subsequent quinquennium.

TABLE **7.—Births** and **Deaths** in **London** in the 52 or 53 Weeks of Fifteen Years 1860 to 1874.

YEARS.	1860	1861	1862	1863 (53 weeks)	1864	1865	1866	1867	1868 (53 weeks)	1869	1870	1871	1872	1873 (53 weeks)	1874
BIRTHS* - - -	92825	96389	97418	103897	102187	106722	107992	112264	115744	111930	113499	112535	117200	121100	121394
DEATHS* - - -	61821	65001	66950	72346	77723	73460	80129	70588	74908	77933	77278	80332	70893	76634	76606
Excess of BIRTHS over DEATHS -	31004	31388	30468	31551	24464	33262	27863	41676	40836	33997	36221	32203	46307	44466	44788
BIRTHS - Males -	47422	49076	49187	53225	52207	54110	54956	57402	58838	56876	58031	57034	59861	61602	61865
BIRTHS - Females -	45403	47313	48231	50672	49980	52612	53036	54862	56906	55054	55468	55501	57339	59498	59529
DEATHS - Males -	31486	33014	34133	37024	39353	37569	40978	36276	38390	39812	39730	40685	36401	39001	39144
DEATHS - Females -	30335	31987	32817	35322	38370	35891	39151	34312	36518	38121	37548	39647	34492	37633	37462
DEATHS in FIVE GROUPS of DISTRICTS:—															
West - - - -	9793	10125	10273	11190	11972	11331	11499	11244	12066	12004	13097	12665	11197	12183	12107
North - - -	12787	13809	13889	15673	16685	16495	17301	16138	16529	17059	17394	19295	16247	16846	17268
Central - - -	9061	9682	9854	10270	10857	9968	9770	8804	8983	9149	8748	8291	7682	8210	8118
East - - - -	13479	13741	15007	15871	17172	15881	20574	14818	16067	17506	15813	16702	15175	16702	16671
South - - -	16701	17644	17927	19342	21037	19785	20985	19584	21263	22215	22226	23379	20592	22693	22112

* The births and deaths in this Table are compiled from the Weekly Returns, which embrace 364 days, and in three years 371 days; and for this reason the deaths for all the years previous to 1874 differ from the numbers in 28 Districts (see Table 10, on page xviii), which are, except those for 1874, derived from the returns for complete years, from 1st January to 31st December.

TABLE 8.—**Annual Rate** of **Mortality,** in the 35 Years 1840–1874, in **Five Groups** of **Metropolitan Districts.**

	LONDON.	WEST DISTRICTS.	NORTH DISTRICTS.	CENTRAL DISTRICTS.	EAST DISTRICTS.	SOUTH DISTRICTS.
Area in Square Miles -	122·0	16·8	21·0	3·5	9·3	71·4
Decennial Increase of Population per Cent., 1861–71	16·1	22·5	21·6	−12·8 (decrease).	11·9	25·2
Enumerated Population, 1871 - - - -	3,254,260	561,359	751,729	334,369	639,111	967,692
Density; persons to an acre - - 1841	25	27	28	172	66	11
Density; persons to an acre - - 1871	42	52	56	150	107	21
YEARS.	MEAN RATE OF MORTALITY PER 1000 IN 35 YEARS.					
1840–1874 - - -	24·2	22·6	22·8	25·2	26·0	24·4
	MEANS OF 10 YEARS.					
1840–9 - - -	25·2	23·5	23·1	25·1	26·6	26·6
1850–9 - - -	23·6	22·3	22·1	24·2	24·9	24·4
1860–9 - - -	24·3	22·6	23·4	26·5	26·8	23·2
	MEANS OF 5 YEARS.					
1840–4 - - -	24·4	23·3	23·1	24·6	25·5	24·9
1845–9 - - -	25·9	23·7	23·1	25·6	27·7	28·2
1850–4 - - -	24·2	22·8	22·0	24·3	25·2	25·8
1855–9 - - -	23·1	21·9	22·1	24·1	24·6	22·9
1860–4 - - -	24·1	22·8	22·9	26·4	25·9	23·3
1865–9 - - -	24·5	22·3	23·9	26·5	27·6	23·2
1870–4 - - -	23·1	21·4	22·7	25·1	25·1	22·4
	ANNUAL RATE OF MORTALITY PER 1000.					
1840 - - -	25·0	24·1	23·9	24·5	25·7	25·9
1841 - - -	24·0	22·4	22·4	25·0	25·1	24·4
1842 - - -	23·5	22·6	22·6	23·6	24·4	23·9
1843 - - -	24·7	23·3	23·1	25·3	26·4	24·8
1844 - - -	25·0	23·9	23·3	24·4	25·9	25·6
1845 - - -	23·2	22·5	21·0	24·0	24·6	23·8
1846 - - -	23·3	21·6	21·9	22·9	24·1	24·6
1847 - - -	27·0	24·5	25·4	27·9	29·4	27·7
1848 - - -	25·8	23·6	23·4	25·3	28·7	27·2
1849 - - -	30·1	26·1	23·7	27·9	31·8	37·6
1850 - - -	21·0	19·6	19·8	21·1	21·7	21·9
1851 - - -	23·4	22·0	22·2	24·1	24·3	24·0
1852 - - -	22·6	21·5	21·2	23·9	23·3	23·0
1853 - - -	24·4	22·3	22·4	25·1	26·5	25·3
1854 - - -	29·4	28·5	24·4	27·4	30·0	34·8
1855 - - -	24·3	23·0	23·3	25·1	25·5	24·6
1856 - - -	22·1	21·5	21·1	23·0	23·3	21·8
1857 - - -	22·4	21·2	21·5	23·8	24·6	21·5
1858 - - -	23·9	22·4	22·9	24·5	25·8	24·0
1859 - - -	22·7	21·4	21·7	24·1	24·0	22·6
1860 -	22·5	22·2	21·2	23·3	24·1	22·1
1861 -	23·2	22·1	22·3	25·4	24·0	22·8
1862 -	23·6	22·0	22·0	26·3	26·0	22·7
1863 -	24·5	23·0	23·8	27·1	26·5	23·3
1864 -	26·6	24·6	25·4	30·0	29·0	25·4
1865 - - -	24·6	22·7	24·5	27·5	26·4	23·2
1866 - - -	26·5	22·6	25·3	27·5	34·0	24·1
1867 - - -	23·0	21·8	23·1	25·1	24·2	22·0
1868 - - -	23·6	22·3	22·9	25·6	25·6	22·9
1869 - - -	24·6	22·2	23·5	26·8	28·0	23·9
1870 - - -	24·1	23·8	23·6	26·1	25·1	23·5
1871 - - -	24·6	22·4	25·6	25·0	26·1	24·0
1872 - - -	21·5	19·6	21·2	23·6	23·6	20·9
1873 - - -	22·5	20·5	21·2	25·1	25·2	22·1
1874 - - -	22·6	20·9	21·8	25·6	25·4	21·5
Average Number living to One Annual Death in 35 years - - -	41	44	44	40	38	41

NOTE.—The populations upon which these rates of mortality have been calculated are deduced from the numbers enumerated at the four Censuses of 1841, 1851, 1861, and 1871. The deaths used for the 34 years 1840-73 are for the complete years, while those for 1874 are the numbers registered in the 52 weeks ending 2nd January 1875; the 1874 rates have been corrected for the difference between 365·2422 days and the 364 days included by those 52 weeks.

Certain alterations affecting the West and Central groups of districts were made in the year 1868, but no corrections have been made in the results given in this Table for any year prior to 1861.

TABLE **9.—Causes** of **Deaths** REGISTERED in **London** in each of the 13 Years 1862–1874.

Class.		1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1874. Quarter ending Apr. 4	July 4	Oct. 3	Jan. 2 1875.
	MEAN TEMPERATURE –	49°·5	50°·3	48°·5	50°·3	49°·8	48°·6	51°·6	49°·5	48°·7	48°·7	50°·7	49°·1	49°·4				
	YEARS – – – – –	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874				
	CAUSES OF DEATH.	364 Days.	371 Days.	364 Days.	364 Days.	364 Days.	364 Days.	371 Days	364 Days.	364 Days.	364 Days.	364 Days.	371 Days.	364 Days.	91 Days	91 Days	91 Days	91 Days
	ALL CAUSES – –	66950	72346	77723	73460	80129	70588	74908	77933	77278	80332	70893	76634	76606	20079	16873	17486	22168
	SPECIFIED CAUSES –	66075	71665	76872	72551	79446	69757	74234	77406	76831	80009	70639	76355	76347	20010	16816	17414	22107
	(CLASSES.)																	
I.	ZYMOTIC DISEASES	17869	21005	20051	18058	23680	15027	18893	20885	20034	22878	16236	15203	15153	3288	2985	5190	3990
II.	CONSTITUTIONAL ,,	12903	13518	14237	14415	14864	14063	14621	14442	14437	14022	13891	14378	14338	3674	3634	3346	3684
III.	LOCAL ,,	25423	26738	31376	28826	29755	29206	29338	31334	31270	32071	29921	35343	35255	10229	7589	6129	11308
IV.	DEVELOPMENTAL ,,	7671	7874	8673	8606	8604	8912	8815	8397	8514	8444	7983	8588	8531	2154	1926	2074	2377
V.	VIOLENT DEATHS –	2209	2530	2535	2646	2543	2549	2567	2348	2576	2594	2608	2843	2770	665	682	675	748
	(ORDERS.)																	
I.	1. MIASMATIC DISEASES –	16678	19689	18673	16539	22203	13566	17323	19425	18611	21518	14750	13683	13893	2961	2614	4710	3608
	2. ENTHETIC ,, –	343	397	418	441	457	480	529	549	517	417	510	503	504	126	147	113	118
	3. DIETIC ,, –	706	767	804	880	836	726	807	710	726	778	819	832	868	168	189	295	216
	4. PARASITIC ,, –	142	152	156	198	184	255	234	201	180	165	157	185	188	33	35	72	48
II.	1. DIATHETIC ,, –	2329	2421	2502	2483	2466	2398	2522	2527	2665	2506	2531	2666	2851	730	680	649	792
	2. TUBERCULAR ,, –	10574	11097	11735	11932	12398	11665	12099	11915	11772	11516	11360	11712	11487	2944	2954	2697	2892
III.	1. DISEASES OF NERVOUS SYSTEM – –	6924	7406	7844	7892	8272	8211	8489	8467	8647	8454	7855	8413	8831	2327	2177	2014	2313
	2. ,, OF ORGANS OF CIRCULATION –	2993	3116	3536	3456	3496	3258	3558	3633	3649	3953	3802	4227	4297	1194	1011	858	1234
	3. ,, OF RESPIRATORY ORGANS – –	11190	11499	15201	12545	13230	12907	12182	14121	13906	14500	12985	16912	16112	5324	2954	1742	6092
	4. ,, OF DIGESTIVE ORGANS – –	2745	2950	2964	3091	2916	2879	3031	2961	3033	3047	3131	3416	3464	818	824	921	901
	5. ,, OF URINARY ORGANS – –	958	1025	1086	1088	1131	1241	1197	1363	1294	1310	1331	1472	1595	338	395	367	495
	6. ,, OF ORGANS OF GENERATION –	203	254	255	268	260	220	295	265	235	230	259	278	284	66	82	72	64
	7. ,, OF ORGANS OF LOCOMOTION –	184	230	250	239	241	305	331	300	274	347	335	337	320	86	73	72	89
	8. ,, OF INTEGUMENTARY SYSTEM –	226	258	240	247	209	185	255	224	232	230	223	288	352	76	73	83	120
IV.	1. DEV. DIS. OF CHILDREN	1969	2054	2179	2077	2207	2250	2193	2118	2099	2205	2057	2100	2174	513	554	506	571
	2. ,, OF ADULTS –	252	350	323	310	328	306	284	270	316	325	260	331	349	84	74	82	109
	3. ,, OF OLD PEOPLE	2631	2687	2972	2721	2574	2609	2544	2587	2743	2643	2295	2661	2479	712	508	472	787
	4. DISEASES OF NUTRITION	2819	2783	3199	3498	3495	3767	3794	3422	3356	3271	3371	3496	3529	815	790	1014	910
V.	1. ACCIDENT OR NEGLIGENCE – – –	1829	2149	2139	2241	2137	2148	2126	1914	2153	2138	2169	2373	2360	572	554	576	658
	*																	
	3. HOMICIDE – – –	111	128	126	132	168	104	112	110	106	109	125	124	97	23	35	20	19
	4. SUICIDE – – –	266	251	259	267	258	260	294	302	273	300	268	287	255	57	84	60	54
	5. EXECUTION – – –	2	1	9	..	1	3	2	1	2	..	1	..	3	..	2	..	1
	VIOLENT DEATHS NOT CLASSED – – –	1	1	2	6	9	34	33	21	42	47	45	59	55	13	7	19	16
	SUDDEN DEATHS, CAUSE UNASCERTAINED – – – –	256	233	185	191	131	85	60	53	79	40	24	38	36	7	14	9	6
	CAUSES NOT SPECIFIED – –	619	448	666	718	552	746	614	474	368	283	230	241	223	62	43	63	55

* Order 2., comprising Violent Deaths IN BATTLE, is omitted as inapplicable to the civil population.

TABLE 9 (*continued*).—**Causes of Deaths** REGISTERED

Class.		1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1874. Quarter ending Apr. 4	July 4	Oct. 3	Jan. 2 1875.
	MEAN TEMPERATURE –	49°·5	50°·3	48°·5	50°·3	49°·8	48°·6	51°·6	49°·5	48°·7	48°·7	50°·7	49°·1	49°·4				
	YEARS – – – –	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	Apr. 4	July 4	Oct. 3	Jan. 2 1875.
	CAUSES OF DEATH.	364 Days.	371 Days.	364 Days.	364 Days.	364 Days.	364 Days.	371 Days.	364 Days.	364 Days.	364 Days.	364 Days.	371 Days.	364 Days.	91 Days	91 Days	91 Days	91 Days
I.	ORDER 1.																	
	1. Small-pox – – –	345	2012	537	646	1388	1332	606	273	958	7876	1781	115	56	24	10	10	12
	2. Measles – – –	2281	1698	2750	1302	2259	1125	1989	1425	1443	1431	1680	2195	1655	825	454	206	170
	3. Scarlet Fever (Scarlatina)	3457	5075	3242	2181	1885	1438	2921	5803	5998	1896	904	652	2662	220	320	846	1276
	4. Diphtheria – – –	734	724	564	433	431	398	497	343	313	313	255	306	365	71	76	84	134
	5. Quinsy – – – –	93	89	75	51	70	44	32	33	24	29	29	44	63	10	17	15	21
	6. Croup – – – –	937	927	882	742	716	723	717	582	592	528	616	719	751	203	161	172	215
	7. Whooping-cough – –	2150	2229	2386	2921	2933	2251	2369	3755	1935	2299	3249	2689	1861	716	506	246	393
	8. Typhus Fever – –	3635	2892	3689	3232	2681	2174	2483	724	468	398	175	284	312	63	73	91	85
	Enteric or Typhoid Fever								1055	976	885	824	921	883	207	158	210	308
	Simple continued Fever –								635	609	463	341	344	359	81	92	83	103
	9. Erysipelas – – –	314	447	452	363	310	264	427	332	447	494	386	424	558	127	97	117	217
	10. Puerperal Fever (Metria)	190	220	261	182	153	157	219	198	217	182	251	306	456	123	90	90	153
	11. Carbuncle – – –	43	60	52	57	55	44	51	53	25	28	38	38	36	5	12	11	8
	12. Influenza – – –	45	41	64	36	37	34	26	39	30	35	21	16	16	5	2	2	7
	13. Dysentery – – –	95	108	104	110	148	85	90	94	87	85	79	83	72	11	13	32	16
	14. Diarrhœa – – –	1735	2448	2861	3557	3184	2942	4060	3400	3776	3894	3490	3879	3077	147	417	2248	265
	15. Cholera – – –	107	154	154	193	5577	241	320	217	235	221	175	164	122	1	11	104	6
	16. Ague – – – –	24	20	19	24	7	13	17	23	14	19	12	17	26	11	7	5	3
	17. Remittent Fever – –	107	92	100	44	30	3	8	16	10	9	18	15	15	5	1	4	5
	18. Rheumatism – –	386	453	481	454	327	290	474	403	429	408	408	453	526	104	91	128	203
	19. Other *Zymotic* Diseases	..	..	..	11	12	8	17	22	25	25	18	19	22	2	6	6	8
	ORDER 2.																	
	1. Syphilis – – –	282	335	356	369	408	423	473	466	463	356	435	436	423	111	122	94	96
	2. Stricture of Urethra –	59	57	61	61	36	52	52	78	51	59	72	63	70	14	24	13	19
	3. Hydrophobia – –	..	2	..	9	11	3	..	3	..	1	..	1	9	..	1	6	2
	4. Glanders – – –	2	3	1	2	2	2	4	2	3	1	3	3	2	1	..	..	1
	ORDER 3.																	
	1. Privation – – –	41	25	56	26	26	39	36	20	27	20	14	20	15	5	2	2	6
	2. Want of Breast Milk –	406	416	437	531	514	431	507	442	479	455	525	539	592	109	107	220	156
	3. Purpura and Scurvy –	69	83	69	80	91	100	95	83	104	152	118	120	110	21	35	30	24
	4. Alco- holism { *a* Del. Tremens	125	133	146	150	113	98	110	118	70	89	86	79	71	16	23	21	11
	{ *b* Intemperance	65	110	96	93	92	58	59	47	46	62	76	74	80	17	22	22	19
	ORDER 4.																	
	1. Thrush – – – –	137	141	153	191	177	242	228	187	173	146	137	168	171	31	30	68	42
	2. Worms, &c. – – –	5	11	3	7	7	13	6	14	7	19	20	17	17	2	5	4	6
II.	ORDER 1.																	
	1. Gout – – – –	80	65	95	88	73	96	115	105	109	123	126	121	143	46	44	25	28
	2. Dropsy – – – –	689	759	713	775	765	630	638	656	656	566	516	542	574	153	115	130	176
	3. Cancer – – – –	1333	1383	1457	1392	1417	1464	1580	1584	1677	1611	1712	1793	1929	472	473	446	538
	4. Cancrum Oris (Noma) –	35	29	29	34	17	39	23	19	17	19	22	16	17	7	2	3	5
	5. Mortification – –	192	185	208	194	194	169	166	163	206	187	155	194	188	52	46	45	45
	ORDER 2.																	
	1. Scrofula – – –	521	525	552	465	475	410	407	388	429	473	464	576	583	148	166	143	126
	2. Tabes Mesenterica –	813	992	977	1236	1155	1115	1190	1207	1131	1178	1180	1214	1195	275	237	402	281
	3. Phthisis – – –	7749	7991	8559	8710	9277	8817	9021	8788	8773	8473	8366	8544	8255	2084	2160	1830	2181
	4. Hydrocephalus – –	1491	1589	1647	1521	1491	1323	1481	1532	1439	1392	1350	1378	1454	437	391	322	304
III.	ORDER 1.																	
	1. Cephalitis – – –	556	625	570	776	705	745	867	850	910	855	928	931	959	233	281	237	208
	2. Apoplexy – – –	1647	1733	1754	1811	1809	1815	1763	1794	2056	2113	2014	2170	2262	561	548	518	635
	3. Paralysis – – –	1237	1265	1457	1365	1560	1532	1550	1548	1600	1490	1392	1602	1636	430	408	359	439
	4. Insanity – – –	82	78	95	95	116	139	116	107	110	114	115	118	159	38	34	37	50
	5. Chorea – – – –	12	11	9	11	7	7	7	18	15	12	10	11	4	..	1	..	3
	6. Epilepsy – – –	373	370	346	394	371	329	355	353	344	285	335	367	372	86	101	87	98
	7. Convulsions – – –	2149	2342	2621	2534	2787	2768	2867	2967	2742	2735	2253	2322	2533	733	587	579	634
	8. *Brain Disease, &c.* –	868	982	992	906	917	876	964	830	870	850	808	892	906	246	217	197	246
	ORDER 2.																	
	1. Pericarditis – – –	104	121	123	107	106	118	136	134	122	133	134	136	165	30	38	36	61
	2. Aneurism – – –	106	128	101	131	100	137	147	139	157	142	152	157	159	34	43	39	43
	3. *Heart Disease, &c.* –	2783	2867	3312	3218	3290	3003	3275	3360	3370	3678	3516	3934	3973	1130	930	783	1130
	ORDER 3.																	
	1. Laryngitis – – –	419	387	381	323	314	323	343	397	421	388	395	486	486	166	123	68	129
	2. Bronchitis – – –	5925	6049	8666	7265	7512	7501	6688	8059	8234	8806	7542	10259	9583	3395	1535	865	3788
	3. Pleurisy – – –	142	156	178	152	123	154	187	171	156	156	208	232	267	57	57	56	97
	4. Pneumonia – – –	3496	3727	4490	3600	4168	3627	3800	4217	3762	3776	3681	4291	4298	1252	977	552	1517
	5. Asthma – – –	564	526	636	490	430	601	439	555	529	564	383	694	549	173	76	57	243
	6. *Lung Disease, &c.* – –	644	654	850	715	683	701	725	722	804	810	776	950	929	281	186	144	318
	ORDER 4.																	
	1. Gastritis – – –	97	88	114	89	92	82	93	86	98	96	94	95	119	25	27	32	35
	2. Enteritis – – –	274	340	307	322	277	286	313	322	278	290	270	351	340	63	79	115	83
	3. Peritonitis – – –	232	252	277	248	237	218	299	245	278	278	289	356	365	94	73	83	115
	4. Ascites – – – –	143	148	142	166	141	143	106	116	128	125	124	112	121	28	29	30	34
	5. Ulceration of Intestines	116	142	145	126	116	125	142	136	173	169	151	174	147	44	34	39	30
	6. Hernia – – – –	170	169	162	146	155	159	169	161	176	171	172	175	199	53	51	33	62
	7. Ileus – – – –	128	140	145	164	152	182	163	150	166	189	172	210	185	44	47	49	45
	8. Intussusception – –	36	35	50	47	49	57	42	54	50	56	61	50	73	19	12	20	22

in **London** in each of the 13 Years 1862–1874.

Class.															1874.			
															Quarter ending			
	Mean Temperature –	49°·5	50°·3	48°·5	50°·3	49°·8	48°·6	51°·6	49°·5	48°·7	48°·7	50°·7	49°·1	49°·4				
	Years – – – –	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	Apr. 4	July 4	Oct. 3	Jan. 2 1875.
	CAUSES OF DEATH.	364 Days.	371 Days.	364 Days.	364 Days.	364 Days.	364 Days.	371 Days.	364 Days.	364 Days.	364 Days.	364 Days.	371 Days.	364 Days.	91 Days	91 Days	91 Days	91 Days
	Order 4.—*continued.*																	
III. *cont.*	9. Stricture of Intestines –	49	51	49	42	48	35	45	45	36	58	58	45	48	15	16	10	7
	10. Fistula – – –	26	21	18	26	19	22	20	18	19	25	26	39	23	5	9	6	3
	11. *Stomach Disease, &c.* –	356	330	346	360	319	314	330	308	356	313	334	371	361	87	96	95	83
	12. *Pancreas Disease, &c.* –	4	..	2	1	2	1	3	2	1	..	1	1	1	..	..	..	1
	13. Hepatitis – – –	167	224	176	202	214	185	171	166	178	164	169	202	203	44	55	53	51
	14. Jaundice – – –	175	212	210	211	189	203	238	225	204	225	245	223	215	51	42	65	57
	15. *Liver Disease, &c.* –	753	786	806	926	882	842	883	915	878	872	954	1001	1050	245	253	282	270
	16. *Spleen Disease, &c.* –	19	12	15	15	24	25	14	12	14	16	11	11	14	1	1	9	3
	Order 5.																	
	1. Nephritis – – –	37	54	56	47	51	60	87	106	124	114	91	111	165	23	30	34	78
	2. Ischuria – – –	9	13	7	14	21	17	15	15	14	8	24	14	15	3	6	3	3
	3. Bright's Dis. (Nephria)	402	456	479	483	451	518	436	608	543	494	644	642	709	151	185	161	212
	4. Diabetes – – –	67	73	81	84	84	84	93	93	104	110	105	130	124	33	23	30	38
	5. Calculus (Stone) – –	38	31	43	32	43	41	45	38	32	44	42	48	43	9	11	9	14
	6. Cystitis – – –	44	55	56	44	61	57	71	55	55	68	60	72	72	12	21	11	28
	7. *Kidney Disease, &c.* –	361	343	364	384	420	464	450	448	422	472	365	455	467	107	119	119	122
	Order 6.																	
	1. Ovarian Dropsy – –	45	53	46	50	23	41	41	38	24	24	20	32	20	5	8	5	2
	2. *Uterus Disease, &c.* –	158	201	209	218	237	179	254	227	211	206	239	246	264	61	74	67	62
	Order 7.																	
	1. Synovitis (Arthritis) –	4	8	17	6	10	7	9	14	19	20	15	19	20	5	1	7	7
	2. *Joint Disease, &c.* –	180	222	233	233	231	298	322	286	255	327	320	318	300	81	72	65	82
	Order 8.																	
	1. Phlegmon – – –	76	105	86	101	75	85	132	113	127	126	107	154	214	42	48	48	76
	2. Ulcer – – –	78	91	63	72	67	50	56	56	48	44	54	55	74	21	13	19	21
	3. *Skin Disease, &c.* – –	72	62	91	74	67	50	67	55	57	60	62	79	64	13	12	16	23
IV.	Order 1.																	
	1. Premature Birth – –	956	1011	1008	1081	1112	1105	1105	1010	1060	1155	1171	1158	1201	291	286	283	341
	2. Cyanosis – – –	99	116	121	107	107	112	118	92	103	100	127	126	127	20	32	36	39
	3. Spina Bifida – – –	56	58	43	36	55	56	48	65	57	60	52	64	52	12	11	13	16
	4. Other Malformations –	97	72	98	81	85	98	88	69	97	87	76	92	81	19	26	17	19
	5. Teething – – –	761	797	909	772	848	859	834	882	782	803	631	660	713	201	199	157	156
	Order 2.																	
	1. Paramenia – – –	11	11	8	10	12	9	9	11	10	7	7	5	14	5	3	3	3
	2. Childbirth(*see* Puerperal Fever) – – –	241	339	315	300	316	297	275	259	306	318	253	326	335	79	71	79	106
	Order 3.																	
	1. Old Age – – –	2631	2687	2972	2721	2574	2609	2544	2587	2743	2643	2295	2661	2479	712	508	472	787
	Order 4.																	
	1. Atrophy and Debility –	2819	2783	3199	3498	3495	3767	3794	3422	3356	3271	3371	3496	3529	815	790	1014	910
V.	Order 1. (Accident or Negligence.)																	
	1. Fractures and Contusions	707	827	898	999	915	845	871	774	941	909	893	977	964	216	218	253	277
	2. Wounds { Gunshot –	29	41	38	25	28	22	20	21	44	38	{ 2	4	7	..	1	4	2
	{ Cut, Stab –											{ 36	29	46	14	8	13	11
	3. Burns and Scalds –	345	341	342	328	296	302	287	263	275	261	239	279	274	95	55	31	93
	4. Poison – – – –	49	58	48	40	49	55	44	44	52	45	43	45	58	14	15	14	15
	5. Drowning – – –	285	355	257	329	333	335	339	297	279	300	339	363	324	46	87	132	59
	6. Suffocation – – –	342	399	401	405	408	457	386	388	400	490	496	534	540	148	136	98	158
	7. Otherwise – – –	72	128	155	115	108	132	179	127	162	95	121	142	147	39	34	31	43
	Order 3. (Homicide.)																	
	1. Murder and Manslaughter	111	128	126	132	138	104	112	110	106	109	125	124	97	23	35	20	19
	Order 4. (Suicide.)																	
	1. Wounds { Gunshot –	11	13	18	14	15	15	16	10	16	21	17	17	21	8	7	4	2
	{ Cut, Stab –	44	53	45	67	63	59	50	75	62	72	64	72	58	9	23	14	12
	2. Poison – – – –	48	38	49	50	52	45	46	54	51	52	44	41	28	4	3	10	11
	3. Drowning – – –	35	42	42	36	33	46	72	69	56	69	57	62	59	13	21	12	13
	4. Hanging – – –	113	81	82	78	77	58	79	74	57	63	64	76	64	18	21	12	13
	5. Otherwise – – –	15	24	23	22	18	37	31	20	31	23	22	19	25	5	9	8	3
	Order 5. (Execution.)																	
	1. Hanging – – –	2	1	9	..	1	3	2	1	2	..	1	..	3	..	2	..	1
	Violent Deaths (not classed)	1	1	2	6	9	34	33	21	42	47	45	59	55	13	7	19	16
	Sudden Deaths (cause unascertained) – – –	256	233	185	191	131	85	60	53	79	40	24	38	36	7	14	9	6
	Causes not specified or ill-defined – – – – –	619	448	666	718	552	746	614	474	368	283	230	241	223	62	43	63	55

Note.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence." Cases of "infantile fever" are classed with those of "enteric or typhoid fever;" "relapsing," and other continued fevers, under one name "simple continued fever." Cases of "rheumatic fever" are classed with "rheumatism;" of "hæmorrhage" and "abscess" with the diseases of the organs affected. Cases of "neglect" and "cold," except when the result of "privation" (Class I.; 3; 1), are placed under deaths by "accident or negligence" (V.; 1; 7.) As "stricture of the urethra" is almost invariably the result of gonorrhœa, it is classed as I.; 2; 2.

TABLE **10.—Deaths** REGISTERED in the **London Districts**, and the **Mean Temperature**, in each of the 10 Years 1865–1874.

DISTRICTS.	AREA in Acres.*	DENSITY, Persons to an Acre, 1871.	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874 (52 weeks.)
Mean Temperature - - -	—	—	50°·3	49°·8	48°·6	51°·5	49°·5	48°·7	48°·7	50°·7	49°·1	49°·4
LONDON - -	78,080	42	73,531	80,453	70,924	73,798	78,082	77,634	80,430	71,355	75,459	76,606
1 KENSINGTON - - -	7650	37	4703	4837	5067	5298	5453	6006	5732	5398	5850	6287
2 CHELSEA - - - -	861	83	1652	1717	1568	1789	1772	1927	1877	1640	1686	1782
3 ST. GEORGE HANOVER SQ. -	2051	76	3885	3808	3612	3672	3620	3963	3928	3244	3339	3327
4 WESTMINSTER - - -	216	237	1103	1178	1086	1092	1180	1252	1127	1002	1101	1011
5 MARYLEBONE - - -	1506	106	4070	4146	4125	3863	3984	3945	3852	3704	3668	3874
6 HAMPSTEAD - - -	2248	14	408	396	411	400	459	550	1636	687	541	564
7 PANCRAS - - - -	2672	83	5254	5268	4851	4888	5067	5407	5456	4919	5206	5029
8 ISLINGTON - - - -	3107	69	4617	5154	4509	4886	4937	5078	5048	4196	4456	4803
9 HACKNEY - - - - -	3935	32	2193	2405	2268	2247	2650	2476	3327	2814	2725	2998
10 ST. GILES - - - -	245	219	1591	1505	1435	1345	1459	1421	1269	1198	1150	1221
11 STRAND - - - -	433	95	1382	1320	1170	1253	1210	1263	1149	1041	1208	1086
12 HOLBORN - - - -	816	200	4344	4428	3985	4042	4201	4062	3878	3686	3918	3917
13 LONDON CITY - - -	731	104	2619	2558	2253	2232	2316	2058	2018	1825	1814	1894
14 SHOREDITCH - - - -	648	196	3326	3436	2973	3242	3462	3210	3410	2959	3052	2965
15 BETHNAL GREEN - - -	755	159	2780	3840	2778	2985	3252	2850	3029	2690	3066	3020
16 WHITECHAPEL - - -	405	190	2549	3525	2350	2519	2627	2471	2469	2411	2424	2615
17 ST. GEORGE-IN-THE-EAST -	244	197	1393	1881	1238	1238	1408	1273	1392	1083	1259	1292
18 STEPNEY - - - -	569	101	1373	1850	1176	1334	1492	1256	1266	1089	1272	1234
19 MILE END OLD TOWN -	679	137	1845	2438	1884	1934	2245	1993	2229	1944	2110	2106
20 POPLAR - - - - -	2648	44	2646	3706	2476	2575	3050	2838	2942	3089	3259	3439
21 ST. SAVIOUR SOUTHWARK -	1170	150	4196	4724	4185	4270	4793	4379	4672	3850	4298	4252
22 ST. OLAVE SOUTHWARK -	1725	71	3026	3167	2982	3127	3703	3220	3519	3088	3495	3201
23 LAMBETH - - - -	4059	51	4110	4190	4061	4386	4371	4615	5475	4713	5025	4827
24 WANDSWORTH - - -	11740	11	1818	2083	1951	2152	2390	2674	2877	2426	2545	2796
25 CAMBERWELL - - -	4450	25	1909	2056	2065	2262	2361	2377	2350	2340	2431	2496
26 GREENWICH - - - -	3800	26	2550	2494	2266	2409	2438	2491	2241	2103	2311	2201
27 LEWISHAM - - - -	11436	5	623	782	691	773	794	894	817	825	818	897
28 WOOLWICH - - - -	7281	10	1566	1561	1508	1585	1388	1685	1445	1391	1432	1472

NOTE. — The Deaths in this Table are compiled from the Abstracts which appear in the Registrar General's Annual Reports, excepting for the year 1874, in which the Deaths are derived from the Weekly Returns embracing 52 weeks.

* These areas have recently been supplied to the Registrar General by the Ordnance Survey Department, and include 2718 acres of tidal water, or river Thames. For area of the Greater London see p. vii.

TABLE **11.** LONDON.—**Births** and **Deaths**; DEATHS of CHILDREN under 1 Year of Age, and of PERSONS aged 60 Years and upwards from ALL CAUSES; and DEATHS from the principal ZYMOTIC DISEASES and from VIOLENCE, INQUEST CASES, and DEATHS in PUBLIC INSTITUTIONS, in GROUPS of DISTRICTS, and in each METROPOLITAN DISTRICT in the 52 Weeks of 1874.

REGISTRARS' SUB DISTRICTS.	Enumerated **Population**, 1871.	Total BIRTHS in 52 Weeks.	Total DEATHS in 52 Weeks.	The DEATHS registered in the 52 Weeks include														
				Deaths of		Deaths from												Deaths in Public Institutions.
				Children under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus Fever.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Cholera.	Violence.	Inquest Cases.	
LONDON - -	3,254,260	121394	76606	18875	16523	56	1655	2662	365	1861	312	883	359	3077	122	2770	5487	13208
WEST DISTRICTS -	561,359	18171	12407	3072	2944	4	337	173	68	240	21	117	52	515	17	409	851	2135
NORTH DISTRICTS -	751,729	27315	17268	4121	4192	21	365	507	90	406	91	219	59	732	27	566	1303	2940
CENTRAL DISTRICTS -	334,369	10417	8118	1814	1425	3	222	324	28	169	30	91	31	282	9	358	717	1733
EAST DISTRICTS - -	639,111	26193	16671	4184	3181	11	323	1111	46	442	47	182	92	694	36	692	1450	3048
SOUTH DISTRICTS -	967,692	39298	22142	5684	4781	17	408	547	133	604	123	274	125	854	33	745	1166	3352
WEST DISTRICTS.																		
1. KENSINGTON - - -	283153	10106	6287	1663	1430	2	265	74	54	116	12	60	34	274	11	187	441	836
2. CHELSEA - - -	71089	2417	1782	481	463	1	25	12	1	43	4	10	4	94	2	41	122	278
3. ST. GEO. HANOVER-SQ.	155936	4286	3327	704	805	1	38	54	9	62	5	39	11	113	3	155	228	848
4. WESTMINSTER - -	51181	1362	1011	224	246	-	9	33	4	19	-	8	3	34	1	26	60	173
NORTH DISTRICTS.																		
5. MARYLEBONE - -	159254	5040	3874	840	1007	2	85	109	10	70	5	41	9	179	4	96	266	896
6. HAMPSTEAD - - -	32281	821	564	110	187	-	8	7	8	20	1	7	2	23	2	22	31	114
7. PANCRAS - - -	221465	8010	5029	1226	1166	3	64	95	35	121	8	35	25	216	6	226	505	1013
8. ISLINGTON - - -	213778	8671	4803	1238	1103	4	137	137	27	142	17	60	10	209	10	122	313	385
9. HACKNEY - - -	124951	4773	2998	657	729	12	71	159	10	53	60	76	13	105	5	100	188	532
CENTRAL DISTRICTS.																		
10. ST. GILES - - -	53556	1677	1221	314	277	-	30	45	-	24	1	9	5	59	2	36	112	190
11. STRAND - - - -	41339	965	1086	216	174	-	12	34	2	21	4	21	1	28	4	78	112	347
12. HOLBORN - - -	163491	6179	3917	1023	631	3	143	166	19	109	18	35	19	158	3	102	283	571
13. LONDON CITY - -	75983	1596	1894	261	343	-	37	79	7	15	7	26	6	37	-	142	210	625
EAST DISTRICTS.																		
14. SHOREDITCH - - -	127164	5162	2965	784	686	3	66	141	5	107	13	25	12	152	9	62	158	461
15. BETHNAL GREEN - -	120104	5163	3020	841	573	3	35	215	6	112	9	35	18	124	8	96	310	411
16. WHITECHAPEL - -	76573	2668	2615	444	428	1	35	192	8	16	6	28	13	76	3	225	350	1029
17. ST. GEO.-IN-THE-EAST	48052	1810	1292	329	255	-	41	92	2	32	-	11	5	69	1	45	91	235
18. STEPNEY - - -	57690	2076	1234	340	160	-	36	108	5	31	4	17	8	51	2	60	128	49
19. MILE END OLD TOWN	93152	3922	2106	558	463	3	33	150	11	47	10	37	14	107	11	53	141	151
20. POPLAR - - - -	116376	5392	3439	888	616	1	77	213	9	97	5	29	22	115	2	151	272	712
SOUTH DISTRICTS.																		
21. ST. SAVIOUR SOUTHWARK	175049	7159	4252	1172	875	-	76	149	15	127	8	34	26	198	5	94	179	554
22. ST. OLAVE SOUTHWARK	122398	5293	3201	792	548	1	56	66	13	80	6	34	12	128	7	213	262	804
23. LAMBETH - - -	208342	8440	4827	1172	1121	6	72	144	47	89	69	83	33	174	6	170	261	891
24. WANDSWORTH - -	125060	5221	2796	778	559	5	66	94	12	90	12	31	5	109	8	75	138	258
25. CAMBERWELL - -	111306	4575	2496	615	610	3	55	24	9	76	11	29	30	92	1	49	86	293
26. GREENWICH - - -	100600	4037	2201	568	536	2	24	35	6	60	11	37	10	71	3	80	135	305
27. LEWISHAM - - -	51557	1785	897	236	246	-	16	20	1	38	1	12	2	41	-	17	22	41
28. WOOLWICH - - -	73380	2788	1472	351	286	-	43	15	30	44	5	14	7	41	3	47	83	206

TABLE **11** (*continued*). LONDON.—TOTAL **Births** and **Deaths**; DEATHS of CHILDREN under 1 Year of Age FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, CHOLERA, and VIOLENCE; also DEATHS in PUBLIC

REGISTRARS' SUB-DISTRICTS.	Enumerated **Population**, 1871.	Total BIRTHS in 52 Weeks.	Total DEATHS in 52 Weeks.	The DEATHS registered in the 52 Weeks include: Deaths of: Children under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus Fever.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Cholera.	Violence.	Inquest Cases.	Deaths in Public Institutions.*
WEST DISTRICTS.																		
St. Mary Paddington *WH*	58728	2211	1268	336	309	2	43	24	10	26	1	9	7	59	3	28	79	174
St. John Paddington *H*	38085	732	677	84	186	-	21	5	5	3	1	8	1	11	-	59	78	201
Kensington Town *W*	91645	3541	2102	626	457	-	115	28	24	36	9	19	11	90	3	45	152	221
Brompton *H*	28654	815	594	136	125	-	6	4	2	9	-	9	4	22	2	5	20	131
St. Peter Hammersmith	6662	206	125	33	29	-	4	3	1	4	-	1	-	6	-	5	11	-
St. Paul Hammersmith *H*	36029	1527	884	240	190	-	58	8	7	27	-	8	7	50	1	36	62	37
Fulham *W*	23350	1074	637	208	134	-	18	2	5	11	1	6	4	36	2	9	39	72
Chelsea South *HH*	26420	858	643	159	176	1	7	6	-	13	1	5	2	33	1	20	60	28
Chelsea North-west *WHHH*	23277	854	750	199	217	-	9	1	-	19	1	4	1	37	1	13	35	250
Chelsea North-east	21392	705	389	123	70	-	9	5	1	11	2	1	1	24	-	8	27	-
Hanover Square *H*	18698	347	278	61	70	-	3	2	-	3	-	3	2	10	-	11	18	-
Mayfair *WW*	13007	262	230	26	101	-	-	2	-	-	-	1	-	9	-	7	11	97
Belgrave *HH*	57972	1606	1143	237	274	-	14	28	2	19	1	12	4	43	2	58	64	241
St. John Westminster *HH*	38478	1297	733	231	116	1	14	15	3	27	2	10	4	34	-	22	50	22
St. Margt. Westmr. *WWWH*	27781	774	943	149	244	-	7	7	4	13	2	13	1	17	1	57	85	488
St. James's Square	10472	169	120	23	33	-	-	2	-	-	-	1	1	1	-	4	11	-
Golden Square *WH*	12860	349	340	44	133	-	1	5	2	9	-	2	-	7	-	9	18	146
Berwick Street *H*	10287	317	167	53	20	-	1	5	1	4	-	2	-	7	-	2	11	-
St. Anne Soho *HHHH*	17562	527	384	104	60	-	7	21	1	6	-	3	2	19	1	11	20	27
NORTH DISTRICTS.																		
AllSouls (Marylebone) *HHHH*	28579	840	819	146	169	-	7	8	4	8	1	11	2	30	1	34	63	325
Cavendish Square *H*	15425	287	245	37	77	1	10	1	1	4	-	7	1	7	1	8	18	7
Rectory (Marylebone) *WH*	26384	815	1016	161	364	-	21	18	1	9	2	6	2	40	-	12	47	519
St. Mary (Marylebone) *HHHH*	21786	1025	435	109	113	1	16	6	2	6	1	1	2	14	-	3	20	44
Christchurch (Marylebone)	33944	1098	738	221	140	-	9	51	-	24	-	6	1	55	2	26	76	-
St. John (Marylebone) *H*	33136	975	621	166	144	-	22	25	2	19	1	10	1	33	-	13	42	1
Hampstead *WHHL*	32281	821	564	110	187	-	8	7	8	20	1	7	2	23	2	22	31	114
Regent's Park *H*	38200	1250	676	181	141	2	8	8	11	31	3	3	5	27	-	27	52	1
Tottenham Court *HH*	29370	850	701	146	141	-	12	6	2	9	1	9	2	31	-	49	80	218
Gray's Inn Lane *HH*	29221	945	678	160	135	-	16	10	4	17	1	6	7	26	1	52	92	118
Somers Town	38533	1331	734	218	137	-	10	21	2	25	-	4	4	38	-	22	76	-
Camden Town *W*	17943	820	602	149	241	-	1	5	2	8	-	-	-	28	2	42	97	340
Kentish Town *w*	68198	2814	1638	372	371	1	17	45	14	31	3	13	7	66	3	34	108	33
Islington West *HHH*	97820	3934	2071	576	390	4	44	87	17	63	14	40	4	82	6	59	160	67
Islington East *WwwH*	115958	4737	2732	712	713	-	93	50	10	79	3	20	6	127	4	63	153	313
Stoke Newington *H*	9841	449	189	51	54	-	6	3	-	3	-	2	1	5	-	5	13	1
Stamford Hill	6598	218	136	26	36	-	5	2	1	2	-	1	-	2	-	10	15	-
West Hackney	28069	1118	579	149	137	-	18	20	5	12	-	6	5	30	2	9	28	-
Hackney *WwwHH*	50104	1802	1476	258	377	11	27	103	4	20	58	59	5	39	3	57	97	53
South Hackney	30339	1186	618	173	125	1	15	31	-	16	2	8	2	29	-	19	35	-
CENTRAL DISTRICTS.																		
St. George Bloomsbury	17853	442	315	97	59	-	9	4	-	7	-	4	2	18	-	10	20	-
St. Giles South *WH*	19109	763	579	132	159	-	10	18	-	14	-	3	-	21	-	22	78	19
St. Giles North	16594	472	327	85	59	-	11	23	-	3	1	2	3	20	2	4	14	-
Long Acre	11379	321	214	65	40	-	5	10	-	7	-	2	1	8	2	11	17	-
Charing Cross *HH*	9859	161	299	34	54	-	3	4	1	3	-	8	-	2	2	33	42	15
St. Mary-le-Strand	9378	207	161	41	27	-	1	6	-	2	1	3	-	11	-	1	10	-
St. Clement Danes *H*	10723	276	412	76	53	-	3	14	1	9	3	8	-	7	-	33	43	19
St. Geo. the Martyr *HHHHH*	20521	589	515	114	81	-	7	7	3	14	-	4	2	22	-	9	34	10
St. Andrew Eastern *W*	13529	358	628	98	133	-	10	7	2	6	1	3	2	25	-	14	27	33
Saffron Hill *H*	9066	242	168	39	38	1	8	1	-	-	2	-	-	9	-	4	10	-
St. James Clerkenwell *W*	18917	861	528	163	67	-	35	29	5	12	1	12	4	24	-	14	36	8
Amwell	16884	607	323	89	55	-	9	11	2	8	2	2	2	14	-	9	37	-
Pentonville	13337	446	266	69	46	-	12	11	1	9	1	2	-	7	-	5	17	-
Goswell Street	16242	651	300	82	57	2	7	11	1	9	3	1	1	10	-	7	12	-
Old Street *H*	12161	474	218	69	29	-	3	6	1	9	-	4	1	14	-	6	16	-
City Road *HHL*	18301	1206	457	146	62	-	10	30	2	19	2	6	2	15	3	14	46	4
Whitecross Street	13792	479	316	104	28	-	29	34	1	20	4	-	3	10	-	10	31	-
Finsbury	10741	266	198	50	35	-	13	19	1	3	2	1	2	8	-	10	17	-
St. Botolph *HH*	14540	405	339	63	67	-	8	38	-	3	2	6	2	13	-	9	17	2
Cripplegate	13638	350	271	61	59	-	15	18	-	-	1	1	3	7	-	6	11	-
St. Sepulchre *H*	7562	140	688	42	86	-	3	8	1	3	3	8	-	8	-	95	128	58
St. Bride *W*	11185	284	214	45	48	-	1	5	1	3	-	5	-	3	-	2	9	1
Castle Baynard	4426	59	51	9	13	-	-	-	1	2	1	1	-	-	-	3	4	-
Christchurch	6270	72	63	11	15	-	1	2	-	-	-	-	-	1	-	5	7	-
Queenhithe	4753	75	70	14	10	-	1	-	3	2	-	1	1	1	-	9	12	-
Allhallows Barking	5764	79	104	7	16	-	4	2	1	1	-	3	-	-	-	11	17	-
Broad Street *H*	7845	132	94	9	29	-	4	6	-	1	-	1	-	4	-	2	5	

NOTE.—The letters placed against the names of the sub-districts denote that Public Institutions are situated therein, namely:—*W*—Workhouse *H*—Hospital; *L*—Lunatic asylum; *w*—Workhouse receiving inmates from Districts other than the one in which it is situated. The following ar the Workhouse Establishments receiving inmates from Districts other than those in which they are situated, and indicated in the foregoing Tabl by *w*:—The Little Chelsea Workhouse, belonging to the Union of St. George Hanover Square, was until the middle of 1873 situated in Chelse North-west sub-district; from that date, however, it was ordered that for the future it should for registration purposes be considered as part of th May Fair sub-district of St. George's District. The Westminster Industrial School is situated at Battersea. The Strand Union had a Workhous situated in Tottenham Court sub-district of Pancras District, but it was closed at the end of June 1873. The Holborn Union has a Workhous

l of Persons aged 60 Years and upwards from ALL CAUSES; and DEATHS from SMALL-POX, MEASLES, SCARLET STITUTIONS; registered in each SUB-DISTRICT during the 52 Weeks ending Saturday, 2nd January 1875.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS in 52 Weeks.	Total DEATHS in 52 Weeks.	The DEATHS registered in the 52 Weeks include														
				Deaths of		Deaths from												Deaths in Public Institutions.*
				Children under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus Fever.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Cholera.	Violence.	Inquest Cases.	
EAST DISTRICTS.																		
Holywell (Shoreditch)	12430	332	197	42	36	-	4	21	-	4	1	4	3	9	-	4	12	-
St. Leonard (Shoreditch) *HL*†	16545	681	369	101	58	-	4	32	-	19	1	3	3	18	3	11	23	47
Hoxton New Town *w*	27835	1129	715	184	207	-	14	32	1	23	4	3	4	34	1	11	40	133
Hoxton Old Town	26933	1104	546	191	78	1	21	16	-	25	1	1	-	35	1	10	24	-
Haggerston West *W*	24162	1105	770	163	248	2	11	18	2	27	3	9	1	38	4	17	36	259
Haggerston East *H*	19259	811	368	103	59	-	12	22	2	9	3	5	1	18	-	9	23	22
Hackney Road	29822	1275	660	207	90	-	13	43	-	38	4	8	8	19	2	26	78	-
Green (Bethnal Green) *WHL*†	42433	1920	1314	302	333	3	13	56	3	30	2	18	3	45	4	33	117	411
Church (Bethnal Green)	26577	1111	555	176	85	-	7	49	2	26	3	4	3	26	-	26	56	-
Town (Bethnal Green)	21272	857	491	156	65	-	2	67	1	18	-	5	4	34	2	11	59	-
Artillery (Whitechapel)	6651	217	130	39	22	-	2	14	-	-	1	6	1	7	-	3	11	-
Spitalfields	15848	486	320	80	38	1	9	32	-	5	1	4	4	13	2	8	37	-
Mile End New Town *W*	15550	667	656	117	155	-	5	34	1	4	2	3	5	19	-	25	60	354
Whitechapel North	11597	440	264	84	34	-	6	32	-	1	1	-	2	17	-	8	19	-
Whitechapel Church *H*	7322	279	817	42	123	-	9	13	5	2	-	9	-	7	-	168	190	675
Goodman's Fields	10381	354	210	49	27	-	3	33	1	4	1	3	1	4	1	4	11	-
Aldgate	9224	225	218	33	29	-	1	34	1	-	-	3	-	9	-	9	22	-
St. Mary (St. Geo.-in-the-East)	17900	642	398	121	46	-	8	32	1	9	-	5	2	23	-	15	37	-
St. Paul (St. Geo.-in-the-East)	21350	826	489	153	65	-	24	46	-	19	-	3	2	27	1	12	30	-
St. John (St. Geo.-in-the-East) *W*	8802	342	405	55	144	-	9	14	1	4	-	3	1	19	-	18	24	235
Shadwell	11640	321	240	66	25	-	5	28	1	5	-	6	-	7	-	22	37	-
Ratcliff *H*	16131	583	363	95	44	-	13	31	2	3	3	2	2	19	-	10	29	49
Limehouse *W*	29919	1172	631	179	91	-	18	49	2	23	1	9	6	25	2	28	62	-
Mile End Old Town Western	38128	1563	775	212	149	-	10	63	9	17	2	11	5	40	6	19	46	-
Mile End Old Town Eastn. *WwwH*	55024	2359	1331	346	314	3	23	87	2	30	8	26	9	67	5	34	95	151
Bow *wwwHL*†	67765	3238	2273	540	477	-	41	118	5	68	1	19	16	74	1	81	148	692
Poplar *WW*	48611	2154	1166	348	139	1	36	95	4	29	4	10	6	41	1	70	124	20
SOUTH DISTRICTS.																		
Christchurch Southwark *WH*	14573	544	388	106	107	-	4	9	-	6	1	2	2	17	1	19	33	72
St. Saviour Southwark *H*	15677	496	316	83	51	-	7	11	1	7	1	1	-	18	-	8	11	10
Kent Road	20421	727	400	137	54	-	11	13	-	13	-	3	3	26	3	10	21	-
Borough Road *WH*	16695	631	381	111	46	-	2	7	3	27	2	1	1	19	-	10	31	80
London Road *HL*	18961	779	434	130	70	-	5	22	2	8	1	2	4	16	1	15	32	26
Trinity Newington	23682	951	490	141	91	-	11	32	3	18	2	3	4	22	-	9	16	-
St. Peter Walworth *W*	48248	2351	1511	370	374	-	35	43	5	37	-	18	10	62	-	18	25	366
St. Mary Newington	16792	680	332	94	82	-	1	12	1	11	1	4	2	18	-	5	10	-
St. Olave Southwark *H*	4373	77	665	28	85	-	-	3	2	-	1	5	-	2	-	128	130	588
St. John Horsleydown *W*	10500	388	251	67	36	-	-	5	-	1	-	4	3	14	-	8	14	74
Leather Market	16787	657	309	97	39	-	7	13	-	12	-	3	2	18	-	10	15	-
St. Mary Magdalen *W*	15709	638	380	89	137	-	3	4	-	9	1	5	3	15	-	8	16	107
St. James Bermondsey	47933	2361	953	330	128	-	35	34	3	36	1	12	2	48	2	22	41	-
Rotherhithe *W*	27096	1172	643	181	123	1	11	7	8	22	3	5	2	31	5	37	46	35
Waterloo Road First *H*	14074	566	320	111	51	-	8	11	-	8	7	4	2	13	-	10	18	10
Waterloo Road Second *H*	18465	911	366	126	50	1	8	6	2	5	1	8	2	25	-	6	16	11
Lambeth Church First *H*	19492	748	734	118	121	-	2	13	8	5	-	12	5	15	2	102	119	364
Lambeth Church Second *WW*	35833	1754	975	243	293	-	7	9	-	18	2	9	7	33	1	23	42	353
Kennington First	41286	1535	814	188	211	1	9	34	21	27	1	14	10	19	-	12	20	-
Kennington Second	31221	1053	591	160	159	-	11	8	8	16	-	6	2	27	2	4	15	-
Brixton *w*	35435	1396	791	180	170	4	17	40	4	8	58	30	4	29	1	8	25	143
Norwood *W*	12536	477	236	46	66	-	10	23	4	2	-	-	1	10	-	5	6	10
Clapham *H*	27347	937	528	131	130	-	20	33	4	15	1	5	-	25	2	12	18	6
Battersea *Ww*	54016	2865	1429	463	219	3	20	56	6	52	9	24	2	62	4	39	61	132
Wandsworth *HL*	19783	665	453	103	111	-	14	2	-	19	2	2	1	11	1	12	32	120
Putney	9439	290	156	35	40	-	3	-	1	1	-	-	-	6	-	7	13	-
Streatham	14475	464	230	46	59	2	9	3	1	3	-	-	2	5	1	5	14	-
Dulwich	4041	90	43	5	22	-	4	-	1	1	-	-	-	2	-	-	2	-
Camberwell *WL*†*L*†	31254	1186	865	151	261	1	17	5	5	28	3	10	6	23	-	4	20	288
Peckham *W*	42160	1891	885	256	202	1	20	10	2	22	2	12	10	41	-	23	33	5
St. George (Camberwell)	33851	1408	703	203	125	1	14	9	1	25	6	7	14	26	1	22	31	-
St. Paul Deptford	53714	2260	1014	309	198	2	5	24	1	45	8	20	-	37	2	31	53	-
St. Nicholas Deptford	6474	261	145	49	29	-	3	5	1	-	-	3	-	7	1	9	20	-
Greenwich West	21034	757	390	98	112	-	11	4	3	6	2	7	-	8	-	15	30	-
Greenwich East *WH*	19378	759	652	112	197	-	5	2	1	9	1	7	10	19	-	25	32	305
Eltham *H*	4539	143	86	22	26	-	1	-	-	9	-	1	-	3	-	-	1	-
Lee	16440	467	261	63	74	-	6	15	-	7	-	2	1	11	-	6	5	-
Lewisham Village *W*	11513	507	233	59	73	-	1	3	1	5	-	5	-	16	-	4	5	40
Sydenham *H*	19065	668	317	92	73	-	8	2	-	17	1	4	1	11	-	7	11	1
Charlton *H*	9564	267	241	37	44	-	5	9	15	2	-	4	2	3	-	8	10	77
Woolwich Dockyard	17226	651	307	82	57	-	7	2	4	13	2	3	3	12	-	12	24	-
Woolwich Arsenal *WH*	18331	748	387	105	56	-	19	2	6	11	2	2	2	13	-	16	25	20
Plumstead West	13027	509	222	59	47	-	4	1	2	13	1	4	-	4	2	1	6	-
Plumstead East *W*	15232	613	315	68	82	-	8	1	3	5	-	1	-	9	1	10	18	109

firmary in Islington East, and a Workhouse in Hoxton New Town (Shoreditch) sub-districts. The Central London Sick Asylum District has an Infirmary in Kentish Town sub-district of Pancras District. The City of London has a Workhouse situated in Islington East, one in Hackney, and a third situated partly in Mile End Old Town Eastern and partly in Bow sub-districts. The Whitechapel Union has a Workhouse Establishment for Children situated in Mile End Old Town Eastern sub-district. The Stepney Union has a Workhouse situated in Bow sub-district. The Poplar and Stepney Sick Asylum is situated in Bow sub-district. See also Table 13, pp. xxiv-xxv.

* The deaths in Prisons and Military Asylums are not included in this column. † Private Lunatic Asylums in which paupers are received.

TABLE **12.—Weekly Deaths** from **Diarrhœa** in

Number of Week.	Weekly Average in 35 Years.	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
YEAR -	46	452	465	704	834	705	841	2152	1976	1913	3463	1884	2271	2164	2310	3235	2061
March Quar.	13	57	66	79	67	79	109	119	178	244	284	207	223	225	221	308	265
June „	18	61	65	62	50	83	84	153	202	239	240	200	191	163	292	315	222
Sept. „	131	273	224	477	452	414	449	1549	1196	1055	2457	1161	1456	1433	1232	2069	1258
Dec. „	24	61	110	86	265	129	199	331	400	375	482	316	401	343	565	543	316
1 - -	13	4	8	3	11	7	4	10	11	17	15	8	19	16	18	22	25
2 - -	13	5	5	13	2	5	8	17	13	27	26	19	15	18	18	27	20
3 - -	13	6	2	5	2	5	14	12	19	21	24	10	15	22	13	27	23
4 - -	13	6	7	9	3	5	16	9	12	22	17	14	20	18	12	30	19
5 - -	14	6	3	7	4	3	5	5	13	19	28	21	25	13	21	31	20
6 - -	14	6	3	5	6	6	5	15	16	23	32	20	16	13	13	20	24
7 - -	13	3	2	4	5	8	9	14	14	17	27	18	17	22	13	24	20
8 - -	14	5	9	6	4	7	7	4	17	20	23	21	16	19	15	28	21
9 - -	14	3	7	7	8	10	8	12	10	15	20	18	17	20	24	20	32
10 - -	13	6	4	7	4	4	10	5	18	14	18	9	13	21	22	19	22
11 - -	12	5	10	6	3	3	3	4	10	19	20	17	12	11	13	22	11
12 - -	12	—	1	5	6	6	8	5	11	15	15	20	18	19	17	22	15
13 - -	12	2	5	2	9	10	12	7	14	15	19	12	20	13	22	16	13
14 - -	11	2	5	5	5	2	6	4	16	10	8	15	11	8	23	22	18
15 - -	12	—	8	4	7	3	4	4	10	20	14	13	14	14	20	18	13
16 - -	13	5	5	3	4	6	6	10	15	13	18	19	12	15	16	26	11
17 - -	12	4	8	2	4	3	5	10	21	9	16	11	21	1	18	19	21
18 - -	12	6	3	3	1	8	7	7	14	19	20	10	8	6	20	25	11
19 - -	12	2	4	3	3	8	5	10	11	10	11	8	23	14	16	10	11
20 - -	13	2	4	3	4	5	7	3	11	14	15	11	15	16	18	17	15
21 - -	14	2	7	7	3	8	7	15	14	14	19	11	12	14	28	31	15
22 - -	16	7	3	2	3	7	10	12	16	15	16	15	16	13	32	22	16
23 - -	18	9	7	4	4	5	4	6	11	17	20	19	11	20	21	31	16
24 - -	22	4	6	11	4	9	5	9	20	21	36	17	13	10	23	31	17
25 - -	33	8	3	8	2	9	5	28	22	35	17	18	16	19	24	38	25
26 - -	45	10	2	7	6	10	13	35	21	42	30	33	19	13	33	25	33
27 - -	66	9	6	13	6	12	10	70	17	57	46	40	23	17	28	32	28
28 - -	93	11	9	12	7	20	25	87	32	64	89	37	53	31	34	46	45
29 - -	135	11	14	12	16	40	25	124	43	94	131	51	64	48	54	58	67
30 - -	179	14	11	24	18	45	44	156	56	173	224	104	83	94	73	84	93
31 - -	187	14	7	40	12	54	37	186	111	141	179	136	143	125	81	142	110
32 - -	185	31	16	48	27	62	44	195	106	110	173	152	136	213	110	195	146
33 - -	172	20	11	70	34	40	44	149	158	81	188	139	156	201	139	192	154
34 - -	156	22	15	67	33	29	35	145	138	63	240	118	143	208	126	214	127
35 - -	141	20	20	63	53	23	33	128	124	79	234	118	174	125	137	243	134
36 - -	125	40	37	48	51	19	33	108	108	61	272	75	192	105	152	276	107
37 - -	103	29	27	40	69	19	39	70	119	42	280	78	101	88	131	232	96
38 - -	85	26	25	27	59	28	33	79	95	46	238	56	97	106	78	190	76
39 - -	70	26	26	13	67	23	47	52	89	44	163	57	91	72	89	165	75
40 - -	54	12	16	15	64	15	31	43	53	47	135	41	63	66	69	98	51
41 - -	44	7	16	14	43	19	22	57	45	37	91	49	46	43	71	102	44
42 - -	36	6	18	11	41	8	25	35	31	23	51	35	42	48	51	78	41
43 - -	29	8	10	4	31	7	24	30	33	38	42	27	30	37	45	46	27
44 - -	24	3	9	5	19	10	12	26	25	38	31	19	34	17	41	33	24
45 - -	20	4	4	6	12	11	15	19	28	26	25	16	28	18	38	35	27
46 - -	19	3	5	3	15	13	16	15	20	26	21	20	26	19	45	31	19
47 - -	16	1	3	4	13	7	9	17	24	27	16	18	21	16	36	21	15
48 - -	16	5	6	6	9	7	15	13	29	24	17	13	28	16	30	19	9
49 - -	15	5	11	7	3	4	8	15	28	20	17	21	26	21	31	19	17
50 - -	14	2	4	2	6	10	7	22	25	24	14	10	21	15	34	25	16
51 - -	13	2	4	6	5	9	7	22	29	15	13	16	17	15	27	20	12
52 - -	13	3	4	3	4	9	8	17	10	30	9	31	19	12	18	16	14
53 - -	—	—	—	—	—	—	—	—	20	—	—	—	—	—	29	—	—

London in the Thirty-five Years 1840–1874.

Number of Week.	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874
YEAR -	2251	3145	2093	3335	1383	2625	1735	2448	2861	3557	3184	2942	4060	3400	3776	3894	3490	3879	3077
March Qr.	148	169	152	153	148	215	171	161	172	163	205	174	185	177	181	179	132	201	147
June „	177	243	316	189	168	204	217	225	321	706	289	239	439	211	512	235	204	206	417
Sept. „	1610	2343	1391	2743	754	1869	956	1799	2080	2186	2298	2186	3145	2644	2839	3122	2849	3170	2248
Dec. „	316	390	234	250	313	337	391	263	288	502	392	343	291	368	244	358	305	302	265
1 -	9	16	9	6	11	16	12	16	8	16	10	16	15	12	19	19	7	15	13
2 -	11	10	17	11	15	11	15	13	17	13	12	13	22	12	13	17	3	13	12
3 -	17	15	9	18	7	9	14	11	19	16	11	6	14	16	15	17	10	11	14
4 -	12	14	5	18	12	18	14	13	20	7	12	13	13	12	8	10	12	13	13
5 -	16	10	8	10	13	23	14	18	10	16	19	21	15	9	17	14	6	13	8
6 -	13	8	8	18	11	20	18	15	10	14	15	18	15	8	11	14	13	23	7
7 -	16	13	11	8	9	17	12	13	6	13	24	18	10	14	20	14	11	12	11
8 -	11	18	9	6	14	20	9	12	23	14	18	9	9	9	15	14	8	18	16
9 -	6	18	20	15	7	18	17	11	14	10	24	9	13	18	16	13	10	13	13
10 -	13	12	20	9	15	15	12	15	9	9	15	13	12	19	14	15	12	10	8
11 -	14	9	13	11	5	15	14	11	11	12	10	15	14	13	11	9	16	25	13
12 -	6	17	12	17	13	21	12	5	8	7	17	11	19	16	9	9	15	25	8
13 -	4	9	11	6	16	12	8	8	17	16	18	12	14	19	13	14	9	10	11
14 -	16	7	17	10	10	7	14	14	18	10	9	12	23	12	16	7	7	18	10
15 -	13	10	12	7	9	17	8	14	11	18	16	18	10	21	18	6	10	20	15
16 -	8	17	9	4	18	13	18	15	9	26	16	8	17	21	17	15	13	15	12
17 -	12	17	11	9	7	15	13	12	20	18	16	12	12	10	13	14	15	10	20
18 -	10	14	9	8	12	16	15	9	18	14	16	15	13	19	14	13	9	13	21
19 -	15	17	17	4	9	12	16	18	16	22	15	12	19	10	14	13	10	13	26
20 -	15	18	12	13	11	7	9	16	14	25	14	17	12	15	17	22	14	12	21
21 -	11	12	14	10	15	16	17	14	14	27	16	16	19	5	13	12	9	12	21
22 -	12	17	18	6	18	12	20	12	23	38	19	15	19	22	22	20	15	16	22
23 -	10	26	18	6	11	14	23	24	19	44	22	19	27	11	34	23	24	17	39
24 -	14	20	31	20	14	17	20	21	26	93	20	31	31	17	56	24	16	18	56
25 -	25	35	54	34	22	26	20	25	62	187	43	16	66	28	86	20	25	20	68
26 -	16	33	94	58	12	32	24	31	71	184	67	48	171	20	192	46	37	22	86
27 -	29	65	129	132	12	61	26	47	81	301	102	54	286	30	258	39	61	68	122
28 -	48	133	126	264	21	87	39	91	97	267	150	115	300	102	259	64	148	100	238
29 -	62	150	127	415	32	134	39	148	145	280	221	170	340	253	385	110	258	205	389
30 -	71	259	168	382	52	200	68	233	274	261	349	196	442	384	371	201	394	305	365
31 -	125	302	130	312	65	195	77	201	286	207	354	217	384	394	385	225	484	375	293
32 -	211	258	121	296	90	177	89	184	228	201	264	189	294	346	289	299	441	470	243
33 -	253	244	113	240	87	208	116	195	242	116	194	200	245	264	248	425	270	405	166
34 -	214	215	146	215	69	167	123	182	190	115	129	196	246	195	202	487	197	362	100
35 -	190	198	120	156	91	183	93	181	180	89	128	226	186	161	156	353	156	277	120
36 -	124	181	69	148	61	147	83	123	132	89	132	198	173	185	130	293	134	229	75
37 -	116	144	53	82	60	137	64	93	81	85	110	203	99	139	73	268	119	162	70
38 -	95	111	47	61	64	105	67	75	78	83	98	114	86	115	46	205	95	127	29
39 -	72	83	42	40	50	68	72	46	66	92	67	108	64	76	37	153	92	85	38
40 -	64	79	44	34	46	52	52	41	46	83	69	78	51	57	35	80	50	71	44
41 -	46	41	31	29	42	54	52	30	33	54	47	59	49	51	38	69	45	43	38
42 -	30	39	26	31	34	34	60	26	41	62	55	37	39	45	25	46	36	30	25
43 -	22	42	16	25	32	35	39	19	28	48	32	27	30	34	29	32	32	29	21
44 -	21	31	19	28	21	25	34	19	18	61	28	23	20	29	16	19	18	21	27
45 -	15	27	12	11	25	24	28	13	18	37	33	21	19	21	13	21	19	18	18
46 -	25	19	9	14	15	19	29	14	21	32	22	17	14	29	18	17	15	13	21
47 -	17	24	15	13	16	19	25	11	23	28	26	13	9	20	18	7	14	12	16
48 -	19	15	13	16	19	20	19	20	13	24	15	19	12	19	12	16	21	15	10
49 -	20	16	11	22	11	16	19	22	13	17	10	13	11	13	13	14	17	11	14
50 -	14	20	10	8	12	15	11	12	13	27	25	11	7	14	12	15	13	9	13
51 -	11	13	13	9	19	12	14	12	9	17	16	14	11	14	9	13	9	11	6
52 -	12	12	15	10	21	12	9	9	12	12	14	11	10	22	6	9	16	7	12
53 -	—	12	—	—	—	—	—	15	—	—	—	—	9	—	—	—	—	12	—

TABLE **13.—Deaths** in 152 **Public Institutions,** registered

	DEATHS.		
	TOTAL.	Males.	Females.
TOTAL DEATHS IN 152 PUBLIC INSTITUTIONS	13359	7529	5830
52 WORKHOUSES	7619	3980	3639
12 PRISONS	70	49	21
2 MILITARY ASYLUMS	81	81	–
37 GENERAL HOSPITALS	4310	2684	1626
28 HOSPITALS FOR SPECIAL DISEASES	392	201	191
5 LYING-IN HOSPITALS — *Women*	18	–	18
5 LYING-IN HOSPITALS — *Children*	62	32	30
4 MILITARY AND NAVAL HOSPITALS	206	178	28
3 HOSPITALS FOR FOREIGNERS	115	82	33
9 LUNATIC ASYLUMS	486	242	244

PUBLIC INSTITUTIONS.	SUB-DISTRICT in which the Public Institution is situated.	DEATHS. TOTAL.	Males.	Females.
WORKHOUSES.				
	No. of Dist. and Sub-dist.			
Paddington	1; 1. St. Mary Paddington	168	88	80
Kensington	1; 3. Kensington Town	221	117	104
Fulham	1; 7. Fulham	72	32	40
Chelsea	2; 2. Chelsea North-west	192	88	104
St. George's (Little Chelsea)	3; 2. Mayfair	41	19	22
Ditto (Mount-street)	3; 2. Mayfair	56	31	25
Ditto (Earl's Court Kensington)	3; 5. St. Margaret Westmr.	201	122	79
Ditto (York-street)	3; 5. St. Margaret Westmr.	82	43	39
Westminster	4; 2. Golden Square	134	67	67
Marylebone (Workhouse and Infirmary)	5; 3. Rectory (Maryleb.)	503	256	247
Hampstead	6; 1. Hampstead	24	14	10
Pancras	7; 5. Camden Town	346	176	170
Highgate Infirmary (Central London Sick Asylum)	7; 6. *Kentish Town*	334	173	161
City of London	8; 2. *Islington East*	44	20	24
Islington (Upper Holloway)	8; 2. Islington East	255	123	132
Holborn Infirmary (College House)	8; 2. *Islington East*	5	–	5
Hackney	9; 4. Hackney	167	74	93
City of London	9; 4. *Hackney*	44	19	25
Homerton Small-pox and Fever Hospitals	9; 4. *Hackney*	217	115	102
St. Giles	10; 2. St. Giles South	187	98	89
Holborn (Gray's Inn)	12; 2. St. Andrew Eastern	334	199	135
Ditto (Clerkenwell)	12; 4. St. James Clerknwll.	87	48	39
City of London	13; 4. St. Bride	14	8	6
Holborn (St. Luke's)	14; 3. *Hoxton New Town*	133	60	73
Shoreditch	14; 5. Haggerston West	259	139	120
Bethnal Green	15; 2. Green	278	160	118
Whitechapel	16; 3. Mile End New Town	354	202	152
St. George-in-the-East	17; 3. St. John	235	124	111
Stepney (*for Children*)	18; 3. Limehouse	–	–	–
Mile End Old Town	19; 2. Mile End Old Town Eastern	145	70	75
City of London	19; 2. *Mile End Old Town Eastern*	2	–	2
	20; 1. *Bow*	198	102	96
Poplar and Stepney Sick Asylum	20; 1. *Bow*	400	224	176
Stepney (Aged and Infirm)	20; 1. *Bow*	11	6	5
Poplar	20; 2. Poplar	20	12	8
North Street Infirmary	20; 2. Poplar	–	–	–
St. Saviour's (Christchurch)	21; 1. Christchurch	72	68	4
Ditto (St. George's)	21; 4. Borough Road	24	9	15
Ditto (Newington)	21; 7. St. Peter Walworth	366	164	202
St. Olave's	22; 2. St. John Horsleydn.	74	38	36
Ditto (Bermondsey)	22; 4. St. Mary Magdalen	107	45	62
Ditto (Rotherhithe)	22; 6. Rotherhithe	35	19	16
Lambeth (Prince's-road Infirmary)	23; 4. Lambeth Church 2d	346	162	184
Ditto (Pleasant Row)	23; 4. Lambeth Church 2d	7	4	3
Stockwell Fever and Small-pox Hospitals	23; 7. *Brixton*	143	68	75
Lambeth (*for Children*)	23; 8. Norwood	10	6	4
Wandsworth and Clapham	24; 2. Battersea	131	62	69
Westminster Union Industrial Schools	24; 2. *Battersea*	1	–	1
Camberwell Workhouse and Infirmary	25; 2. Camberwell	169	90	79
Ditto (Nazareth House)	25; 3. Peckham	5	5	–
Greenwich	26; 4. Greenwich East	217	124	93
Lewisham	27; 3. Lewisham Village	40	26	14
Woolwich	28; 5. Plumstead East	109	61	48
PRISONS.*				
Female Convict Prison	1; 7. Fulham	5	–	5
Millbank Penitentiary	3; 4. St. John Westmr.	12	6	6
House of Correction	3; 5. St. Margaret Westmr.	6	–	6
Pentonville, Model Prison (*Males*)	8; 1. Islington West	8	8	–
City Prison (*Holloway*)	8; 1. Islington West	3	3	–
Middlesex House of Detention	12; 4. St. James Clerknwll.	2	2	–
Middlesex House of Correction (*Males*)	12; 5. Amwell (Holborn)	19	19	–
City Prison (*Newgate*)	13; 3. St. Sepulchre	2	1	1
Convict Prison, Southwark	21; 4. Borough Road	1	–	1
County Prison	21; 6. Trinity Newington	1	1	–
Convict Prison (*Males*)	23; 7. Brixton	3	3	–
County Prison	24; 3. Wandsworth	8	6	2
MILITARY ASYLUMS.†				
Royal Military Hospital Chelsea, *In-Pensioners*	2; 1. Chelsea South	81	81	–
Royal Military Asylum, Chelsea, *Boys*	2; 1. Chelsea South	–	–	–

NOTE.—The Workhouse Establishments printed in *italics* receive inmates from other Districts than those in which they are situated.

* PRISONS.—The deaths of the children of prisoners are not included.

† ROYAL MILITARY ASYLUMS.—The deaths of *out-pensioners* of Chelsea Hospital are not included.

the 52 Weeks ending Saturday, 2nd January 1875.

PUBLIC INSTITUTIONS.	SUB-DISTRICT in which the Public Institution is situated.	DEATHS. Total.	Males.	Females.
GENERAL HOSPITALS.	*No. of Dist. and Sub-dist.*			
. Mary's	1; 2. St. John Paddington	201	121	80
est London	1; 6. St. Paul Hammersm.	37	27	10
ctoria (*Children*)	2; 1. Chelsea South	27	7	20
. George's	3; 3. Belgrave	236	146	90
lgrave (*Children*)	3; 3. Belgrave	5	3	2
ospital for Women and Children	3; 4. St. John Westmr.	1	–	1
estminster	3; 5. St. Margaret Westm.	205	131	74
iddlesex	5; 1. All Souls (Maryleb.)	315	167	148
dies' Hospital	5; 2. Cavendish Square	7	–	7
maritan Free	5; 3. Rectory (Maryleb.)	16	–	16
Peter's Home (Kilburn)	6; 1. Hampstead	12	–	12
iversity College	7; 2. Tottenham Court	204	134	70
mperance Hospital	7; 2. Tottenham Court	10	7	3
yal Free	7; 3. Gray's Inn Lane	117	87	30
eat Northern	8; 1. Islington West	30	21	9
valid Asylum	9; 1. Stoke Newington	2	–	2
aring Cross	11; 2. Charing Cross	151	108	43
ng's College	11; 4. St. Clement Danes	194	127	67
ndon Homœopathic	12; 1. St. George the Martyr	16	5	11
. John and St. Elizabeth	12; 1. St. George the Martyr	21	–	21
spital for Sick Children	12; 1. St. George the Martyr	56	32	24
me for Infirm Women	12; 1. St. George the Martyr	1	–	1
y Police	13; 1. St. Botolph	8	8	–
etropolitan Free	13; 1. St. Botolph	15	5	10
Bartholomew's	13; 3. St. Sepulchre	587	371	216
nvent Hospital	14; 2. St. Leonard Shoreditch	1	1	–
ildren's	14; 6. Haggerston East	22	12	10
ndon	16; 5. Whitechapel Church	675	446	229
st London Children's	18; 2. Ratcliff	49	27	22
plar	20; 1. Bow	41	38	3
y's	21; 2. St. Saviour	10	–	10
	22; 1. St. Olave	588	372	216
elina (*Children*)	21; 4. Borough Road	56	28	28
yal Infirmary for Children and Women	23; 1. Waterloo 1st	10	3	7
Thomas's	23; 3. Lambeth Church 1st	364	244	120
itish Home for Incurables	24; 1. Clapham	6	2	4
yal Hospital for Incurables	24; 3. Wandsworth	13	3	10
me for Sick Children	27; 4. Sydenham	1	1	–
HOSPITALS FOR SPECIAL DISEASES.				
ck (*for Syphilis*), Fem.	1; 1. St. Mary Paddington	6	2	4
nsumption and Disease of Chest	1; 4. Brompton	131	80	51
nsumption (Chelsea Home)	2; 1. Chelsea South	1	1	–
ncer	2; 2. Chelsea North-west	54	9	45
nsump. (South branch of Brompton Hospital)	2; 2. Chelsea North-west	2	2	–
spital for Women	2; 2. Chelsea North-west	2	–	2
seases of the Throat	4; 2. Golden Square	12	11	1
spital for Women	4; 4. St. Anne Soho	14	–	14
k (*for Syphilis*), Males	4; 4. St. Anne Soho	2	2	–
seases of the Heart	4; 4. St. Anne Soho	2	1	1

PUBLIC INSTITUTIONS.	SUB-DISTRICT in which the Public Institution is situated.	DEATHS. Total.	Males.	Females.
HOSPITALS FOR SPECIAL DISEASES—*continued.*	*No. of Dist. and Sub-dist.*			
St. Peter's (*for Stone, &c.*)	5; 1. All Souls (Maryleb.)	9	9	–
Diseases of the Heart	5; 1. All Souls (Maryleb.)	1	–	1
Western Ophthalmic	5; 4. St. Mary (Maryleb.)	1	–	1
Home for Consumptive Females	5; 4. St. Mary (Maryleb.)	6	–	6
New Hospital for Women	5; 4. St. Mary (Maryleb.)	4	–	4
Diseases of the Nervous System	5; 6. St. John (Maryleb.)	1	–	1
North London Consumption	6; 1. Hampstead	6	4	2
St. Saviour's (*Cancer*)	7; 1. Regent's Park	1	–	1
Central London Ophthalmic	7; 3. Gray's Inn Lane	1	–	1
Small-pox	8; 1. Islington West	2	1	1
London Fever	8; 1. Islington West	35	22	13
Royal Westr. Ophthalmic	11; 2. Charing Cross	2	–	2
National, for Paralysed and Epileptic	12; 1. St. George the Martyr	6	2	4
Hip Diseases (*Children*)	12; 1. St. George the Martyr	2	1	1
St. Mark's (*for Fistula*)	12; 8. Old Street	1	1	–
Royal, for Diseases of the Chest	12; 9. City Road	12	5	7
Royal Ophthalmic	13; 9. Broad Street	1	–	1
City of London, for Diseases of the Chest	15; 2. Green	75	48	27
LYING-IN HOSPITALS.				
Queen Charlotte's	5; 4. St. Mary (Marylebone) — Women	9	–	9
	Children	24	10	14
St. Saviour's	8; 2. Islington East — Women	–	–	–
	Children	14	7	7
British	10; 2. St. Giles South — Women	–	–	–
	Children	3	2	1
City of London	12; 9. City Road — Women	7	–	7
	Children	12	8	4
General (York Road)	23; 2. Waterloo 2d — Women	2	–	2
	Children	9	5	4
MILITARY AND NAVAL HOSPITALS.				
Guards'	3; 4. St. John Westminster	21	21	–
Seamen's	26; 4. Greenwich East	88	87	1
Herbert	27; 1. Eltham	–	–	–
	28; 1. Charlton	77	67	10
Garrison Female	28; 3. Woolwich Arsenal	20	3	17
HOSPITALS FOR FOREIGNERS.				
French	4; 4. St. Anne Soho	9	5	4
German	9; 4. Hackney	102	75	27
Spanish and Portuguese Jews'	19; 2. Mile End Old Town Eastern	4	2	2
LUNATIC ASYLUMS.*				
Metropolitan Asylum for Imbeciles	6; 1. Hampstead	72	27	45
St. Luke's Hospital	12; 9. City Road	16	12	4
Hoxton House *	14; 2. St. Leonard	46	16	30
Bethnal House *	15; 2. Green	58	29	29
Grove Hall *	20; 1. Bow	42	42	–
Bethlehem Hospital	21; 5. London Road	26	13	13
Surrey County	24; 3. Wandsworth	107	59	48
Peckham House *	25; 2. Camberwell	54	17	37
Camberwell House *	25; 2. Camberwell	65	27	38

* Lunatic Asylums.—Private Lunatic Asylums are excluded from this list, except those in which pauper lunatics are received, which e marked with an asterisk; the Metropolitan Asylum for Imbeciles, St. Luke's Hospital, Bethlehem Hospital, and the Surrey County are the ly Public Lunatic Asylums situated within the Metropolitan Registration area.

TABLE **14.—Deaths** REGISTERED in the **Public Institutions** of **London,** 1865–1874.

	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.
TOTAL DEATHS IN PUBLIC INSTITUTIONS -	12116	13054	12002	12326	12298	12300	14665	12029	13101	13359
WORKHOUSES - - - - - - - - -	6715	7088	6829	6789	7068	6833	6675	6177	7416	7619
PRISONS - - - - - - - - - -	99	95	90	75	83	78	76	57	62	70
MILITARY AND NAVAL ASYLUMS * - - -	278	195	147	176	165	86	81	93	66	81
GENERAL HOSPITALS - - - - - - -	3354	3813	3291	3714	3480	3614	3796	3863	4148	4310
HOSPITALS FOR SPECIAL DISEASES - - -	1002	1167	929	933	849	981	3320	1128	584	392
LYING-IN HOSPITALS - - { Women - -	26	22	31	15	13	31	16	16	29	18
{ Children - -	42	50	51	46	41	40	37	60	56	62
MILITARY AND NAVAL HOSPITALS - - -	176	146	177	163	170	200	218	195	207	206
HOSPITALS FOR FOREIGNERS - - - -	71	96	100	79	93	102	99	94	128	115
LUNATIC ASYLUMS - - - - - - -	353	382	357	336	336	335	347	346	405	486

* Previous to the year 1870, the Royal Naval Hospital at Greenwich was classed with the "Military and Naval Asylums"; since that year no In-pensioners have been received here.

TABLE **15.—Deaths** in **London;** and **Meteorology** at **Greenwich Observatory.** (*a*)

YEARS.	Total Number of Deaths.	Mean Temperature of Air.	Dryness of Atmosphere.*	Fall of Rain in Inches.	Mean Hourly † Amount of Horizontal Movement of the Air by Robinson's Anemometer.
Averages of 35 Years, 1840–1874.	63,410	° 49·3	° ‡5·6	24·1	Miles. §10·6
Averages of 10 Years, 1840–1849.	51,976	49·3	‖ 5·1	24·3	—
Averages of 10 Years, 1850–1859.	59,699	49·3	5·9	23·2	10·1
Averages of 10 Years, 1860–1869.	72,086	49·5	5·7	25·3	10·7
1840 - - - -	46281	47·7	—	18·3	—
1841 - - - -	45284	48·7	5·0	33·3	—
1842 - - - -	45272	49·6	4·6	22·6	—
1843 - - - -	48574	49·4	3·7	24·6	—
1844 - - - -	50423	48·6	4·9	24·9	—
1845 - - - -	48332	47·6	4·4	22·4	—
1846 - - - -	49089	51·3	5·1	25·3	—
1847 - - - -	60442	49·5	5·4	17·8	—
1848 - - - -	57628	50·4	6·4	30·2	—
1849 - - - -	68432	50·0	6·6	23·9	—
1850 - - - -	48579	49·3	6·1	19·7	11·0
1851 - - - -	55354	49·2	6·5	21·6	10·3
1852 - - - -	54213	50·6	7·4	34·2	10·6
1853 - - - -	61202	47·7	6·2	29·0	9·5
1854 - - - -	73697	48·9	4·7	18·7	10·3
1855 - - - -	61506	47·1	4·5	21·1	9·9
1856 - - - -	56786	49·0	5·6	22·2	10·6
1857 - - - -	60150	51·0	5·2	21·4	9·3
1858 - - - -	63882	49·2	6·5	17·8	9·7
1859 - - - -	61617	50·7	6·0	25·9	9·5
1860 - - - -	61821	47·0	4·6	32·0	10·0
1861 - - - -	65001	49·4	5·0	20·8	9·9
1862 - - - -	66950	49·5	4·7	26·2	10·0
1863 - - - -	72346	50·3	6·0	20·0	10·3
1864 - - - -	77723	48·5	7·0	16·7	9·5
1865 - - - -	73460	50·3	6·2	29·0	9·3
1866 - - - -	80129	49·8	5·6	30·5	11·4
1867 - - - -	70588	48·6	5·6	28·4	11·8
1868 - - - -	74908	51·6	6·8	25·2	12·2
1869 - - - -	77933	49·5	5·7	24·0	12·2
1870 - - - -	77278	48·7	6·7	18·5	11·1
1871 - - - -	80332	48·7	6·0	22·3	10·5
1872 - - - -	70893	50·7	5·5	30·0	11·9
1873 - - - -	76634	49·1	5·4	23·4	11·8
1874 - - - -	76606	49·4	4·7	20·0	11·5

NOTE.—This Table does not include the deaths in Wandsworth and Clapham for the years 1840-3; nor the deaths in Hampstead and Lewisham for 1840-6.

(*a*) The deaths in this Table as well as the Meteorology are compiled from the Registrar General's Weekly Returns, which embrace 364 days, or for six years (1847, 1853, 1857, 1863, 1868, and 1873) 371 days; for this reason the figures differ from those which relate to complete years from 1st January to 31st December, published in Table 10.

* The column headed "Dryness of Atmosphere" is the difference between the dew point temperature and air temperature. The dew point temperature, for any year, may be obtained by subtracting the number in the column, headed "dryness" from the mean temperature in the same period.

† For the years 1850-59 the results are only approximative, having been reduced to Robinson's anemometer from observations made with Whewell's.

‡ Average of 34 years. § Average of 25 years. ‖ Average of 9 years.

TABLE **16.**—**Temperature** at **Greenwich, Total Deaths,** and **Deaths under One Year of Age** and at **Seven groups of Ages** in **London,** in each Week of the Year 1874.

POPULATION estimated to the middle of 1874 -					3,400,701	102,055	339,866	1,010,212	1,134,644	602,570	198,329	13,025
Number of Week.	WEEK ENDING	TEMPERATURE.			AGES AT DEATH.							
		Mean.	Highest Reading by Day.	Lowest Reading by Night.	ALL AGES.	Under 1 Year of Age.	1–5	5–20	20–40	40–60	60–80	80 and upwards.
	YEAR (of 52 Weeks)	° 49·4	° 92·0	° 18·2	76,606	18,875	12,458	5,248	10,423	13,079	13,656	2,867
	March Quarter	41·6	65·4	21·0	20,079	4,582	3,638	1,155	2,574	3,444	3,872	814
	June „	53·5	86·7	30·5	16,873	3,875	2,734	1,185	2,491	3,050	2,974	564
	September „	60·6	92·0	42·7	17,486	5,599	2,576	1,288	2,260	2,700	2,568	495
	December „	41·8	67·2	18·2	22,168	4,819	3,510	1,620	3,098	3,885	4,242	994
	1874.											
1	January 10	40·0	53·0	30·6	1615	325	305	89	203	311	323	59
2	„ 17	41·6	52·3	31·0	1553	343	269	98	189	265	314	75
3	„ 24	43·6	55·0	30·2	1492	330	273	75	197	268	284	65
4	„ 31	41·1	49·2	28·1	1449	350	251	84	186	227	291	60
5	February 7	36·5	46·7	24·1	1411	320	260	89	189	240	267	46
6	„ 14	36·3	51·5	21·0	1597	343	279	87	223	283	313	69
7	„ 21	40·0	52·9	27·3	1616	362	275	95	230	272	310	72
8	„ 28	42·2	55·9	29·1	1754	408	337	91	193	308	333	84
9	March 7	41·6	56·8	29·8	1578	380	289	103	196	251	307	52
10	„ 14	35·7	55·2	22·6	1524	362	281	94	195	259	284	49
11	„ 21	46·5	58·0	34·3	1611	376	293	89	196	275	319	63
12	„ 28	48·2	65·4	31·3	1530	375	282	74	201	252	289	57
13	April 4	48·1	60·0	37·4	1349	308	244	87	176	233	238	63
14	„ 11	45·1	60·2	34·4	1387	327	232	107	184	246	243	48
15	„ 18	47·1	64·3	36·0	1339	286	228	80	208	235	266	36
16	„ 25	57·6	79·7	41·2	1300	283	239	74	190	226	236	52
17	May 2	50·6	75·1	30·5	1256	271	201	81	183	247	227	46
18	„ 9	44·2	61·7	34·3	1337	323	235	92	207	240	192	48
19	„ 16	46·6	61·2	31·1	1288	294	209	96	176	245	229	39
20	„ 23	51·6	77·6	31·9	1326	281	196	106	193	243	259	48
21	„ 30	59·5	76·1	44·5	1385	298	225	104	211	241	260	46
22	June 6	63·3	83·7	47·0	1257	280	206	94	192	214	229	42
23	„ 13	57·1	79·9	37·5	1204	277	189	90	191	227	198	32
24	„ 20	53·7	70·7	41·2	1242	294	213	79	197	223	194	42
25	„ 27	57·4	75·3	40·1	1216	309	182	88	170	229	201	37
26	July 4	61·8	86·7	50·9	1336	352	179	94	189	234	240	48
27	„ 11	66·8	92·0	47·5	1293	387	177	109	166	195	223	36
28	„ 18	65·7	86·7	46·2	1534	562	198	95	192	227	210	50
29	„ 25	64·4	91·8	47·1	1640	728	207	81	153	223	210	38
30	August 1	61·2	78·7	48·7	1651	700	225	94	174	213	213	32
31	„ 8	60·6	79·5	49·1	1505	555	209	97	197	208	203	36
32	„ 15	58·2	69·8	47·8	1368	523	191	85	172	194	158	45
33	„ 22	61·9	81·2	46·2	1303	404	187	102	169	207	201	33
34	„ 29	59·4	79·9	44·0	1234	345	189	104	159	218	183	36
35	September 5	60·3	74·7	46·5	1207	343	179	111	162	179	189	44
36	„ 12	56·4	68·1	45·9	1209	266	184	117	204	201	202	35
37	„ 19	55·4	69·6	43·4	1242	291	210	99	182	225	205	30
38	„ 26	60·1	78·1	47·9	1137	241	195	100	165	222	171	43
39	October 3	56·8	76·9	42·7	1163	254	225	94	165	188	200	37
40	„ 10	49·1	62·7	38·1	1212	296	186	130	222	206	168	34
41	„ 17	55·9	67·2	46·4	1344	291	215	133	213	224	222	46
42	„ 24	47·9	63·1	36·0	1293	279	213	110	203	232	227	29
43	„ 31	53·3	65·0	45·9	1368	319	222	127	205	228	215	52
44	November 7	49·5	62·6	35·0	1445	353	263	106	207	245	224	47
45	„ 14	41·1	58·5	29·8	1517	389	248	131	229	256	216	48
46	„ 21	44·1	54·8	31·2	1795	397	311	130	249	295	340	73
47	„ 28	32·8	43·3	25·0	1925	450	301	126	258	365	339	86
48	December 5	38·6	50·9	23·0	2122	427	357	161	264	355	448	110
49	„ 12	39·1	53·3	25·8	2082	424	335	126	268	370	441	118
50	„ 19	32·9	40·6	25·2	1947	403	292	118	258	343	427	106
51	„ 26	29·9	36·8	18·9	1646	304	236	97	221	286	397	105
52	(1875) Jan. 2	28·8	44·5	18·2	2442	487	331	125	301	480	578	140

TABLE **17.—Births** and **Deaths** Registered in **London**; and **Meteorology** at **Greenwich,** in each of the 52 Weeks of 1874.

No. of Week.	Week ending	Births. Total.	Males.	Females.	Deaths. Total.	Males.	Females.	Mean Temperature of the Air.	Mean of the Highest Readings of the Thermometer.	Mean of the Lowest Readings of the Thermometer.	Dryness of Atmosphere.*	Fall of Rain in Inches.	Mean Hourly Amount of Horizontal Movement of the Air each Week.
	1874.												Miles.
1	January 10	2413	1206	1207	1615	795	820	40·0	45·5	35·0	4·6	0·03	14·2
2	„ 17	2458	1261	1197	1553	777	776	41·6	47·3	35·8	3·2	0·10	14·6
3	„ 24	2358	1245	1113	1492	764	728	43·6	49·9	37·5	2·9	0·61	14·8
4	„ 31	2532	1281	1251	1449	732	717	41·1	46·0	35·4	4·4	0·02	10·6
5	Feb. 7	2318	1156	1162	1411	709	702	36·5	41·5	32·8	2·9	0·00	5·6
6	„ 14	2363	1192	1171	1597	789	808	36·3	42·1	30·5	7·6	0·02	15·1
7	„ 21	2476	1232	1244	1616	830	786	40·0	47·3	34·0	4·2	0·15	12·0
8	„ 28	2330	1185	1145	1754	884	870	42·2	48·9	36·5	3·5	0·77	10·8
9	March 7	2536	1260	1276	1578	765	813	41·6	51·3	34·5	4·0	0·03	7·0
10	„ 14	2236	1124	1112	1524	777	747	35·7	44·7	29·3	5·2	0·27	13·1
11	„ 21	2608	1310	1298	1611	844	767	46·5	53·9	40·2	6·2	0·09	17·3
12	„ 28	2454	1226	1228	1530	741	789	48·2	59·2	39·1	6·0	0·00	12·7
13	April 4	2086	1119	967	1349	671	678	48·1	55·8	42·1	5·8	0·71	27·0
14	April 11	2420	1227	1193	1387	752	635	45·1	56·5	37·5	5·4	0·37	11·4
15	„ 18	2542	1278	1264	1339	675	664	47·1	56·3	41·4	4·5	0·33	13·4
16	„ 25	2373	1211	1162	1300	680	620	57·6	71·5	46·0	8·1	0·00	8·3
17	May 2	2459	1272	1187	1256	653	603	50·6	65·0	38·8	9·0	0·01	10·0
18	„ 9	2447	1253	1194	1337	720	617	44·2	55·9	36·9	8·4	0·02	8·9
19	„ 16	2285	1182	1103	1288	714	574	46·6	58·6	37·1	7·7	0·08	9·8
20	„ 23	2262	1123	1139	1326	726	600	51·6	64·6	40·3	7·0	0·04	8·6
21	„ 30	2068	1040	1028	1385	703	682	59·5	72·9	49·3	7·1	0·27	9·3
22	June 6	2233	1151	1082	1257	636	621	63·3	79·0	50·5	11·4	0·81	8·8
23	„ 13	2263	1141	1122	1204	622	582	57·1	71·6	44·1	11·9	0·05	10·8
24	„ 20	2214	1105	1109	1242	644	598	53·7	65·0	47·5	5·7	0·56	12·8
25	„ 27	2228	1152	1076	1216	649	567	57·4	69·6	48·8	6·6	0·87	8·9
26	July 4	2244	1191	1053	1336	679	657	61·8	74·4	54·4	6·0	0·20	13·6
27	July 11	2195	1149	1046	1293	675	618	66·8	81·7	53·6	13·5	1·32	7·1
28	„ 18	2323	1141	1182	1534	835	699	65·7	79·7	54·6	10·4	0·00	7·7
29	„ 25	2183	1121	1062	1640	892	748	64·4	80·7	53·0	10·8	0·20	9·8
30	August 1	2327	1185	1142	1651	846	805	61·2	73·9	53·3	5·3	1·00	8·8
31	„ 8	2219	1111	1108	1505	776	729	60·6	71·1	52·7	7·3	0·12	14·4
32	„ 15	2365	1186	1179	1368	706	662	58·2	68·6	51·8	7·1	1·04	18·2
33	„ 22	2295	1140	1155	1303	689	614	61·9	74·5	51·1	6·7	0·00	8·5
34	„ 29	2183	1137	1046	1234	644	590	59·4	74·2	48·6	6·9	0·23	8·5
35	Sept. 5	2151	1056	1095	1207	585	622	60·3	70·5	52·8	6·9	0·66	15·2
36	„ 12	2211	1130	1081	1209	634	575	56·4	65·3	50·2	4·0	0·80	12·2
37	„ 19	2314	1171	1143	1242	662	580	55·4	66·9	46·9	4·6	0·00	9·0
38	„ 26	2216	1111	1105	1137	584	553	60·1	71·0	51·5	4·7	0·21	9·0
39	October 3	2155	1064	1091	1163	583	580	56·8	67·1	49·5	4·9	1·14	13·0
40	October 10	2314	1203	1111	1242	623	619	49·1	58·2	40·9	3·4	1·08	14·0
41	„ 17	2383	1214	1169	1344	673	671	55·9	63·0	50·9	2·0	0·58	8·6
42	„ 24	2556	1318	1238	1293	684	609	47·9	57·0	41·1	4·3	0·09	13·2
43	„ 31	2359	1194	1165	1368	710	658	53·3	58·4	49·6	1·7	1·29	10·6
44	Nov. 7	2579	1331	1248	1445	751	694	49·5	56·5	42·9	2·5	0·00	6·9
45	„ 14	2400	1245	1155	1517	808	709	41·1	48·5	34·7	3·8	0·04	11·5
46	„ 21	2469	1281	1188	1795	898	897	44·1	49·9	39·2	4·0	0·44	15·5
47	„ 28	2392	1255	1137	1925	958	967	32·8	38·9	28·1	5·1	0·20	7·2
48	Dec. 5	2391	1274	1117	2122	1044	1078	38·6	43·7	33·5	3·8	1·49	13·3
49	„ 12	2257	1168	1089	2082	995	1087	39·1	45·2	32·5	4·1	0·82	19·1
50	„ 19	2426	1266	1160	1947	989	958	32·9	36·7	29·3	3·0	0·41	13·9
51	„ 26	1840	944	896	1646	811	835	29·9	34·1	26·7	2·4	0·03	8·1
52	(1875) Jan. 2	2685	1347	1338	2442	1158	1284	28·8	32·8	24·0	3·7	0·55	7·0

* The column headed "Dryness of Atmosphere" is the difference between the dew point temperature and air temperature. The mean dew point temperature, for any week, may be obtained by subtracting the number in the column headed "dryness" from the mean temperature in the same period. † By Robinson's Anemometer, adopted in place of Whewell's, which was used formerly.

TABLE **18.—Greenwich Meteorological Elements** for the Year 1874. By J. GLAISHER, Esq., F.R.S.

1874. Months.	Mean Reading of the Barometer.	Temperature of the Air. Highest by Day.	Lowest by Night.	Range in Month.	Mean of all Highest.	Mean of all Lowest.	Mean Daily Range.	Mean for the Month.	Departure from Average of 103 Years. (1771-1873.)	Mean Temperature of the Dew Point.	Mean Tension of Vapour.	Weight of Vapour in a Cubic Foot of Air.	Mean additional Weight required for Saturation.	Mean Degree of Humidity. Saturation = 100.	Mean Weight of a Cubic Foot of Air.	Relative Proportions of Wind. N.	E.	S.	W.	Mean Amount of Cloud.	Rain. Number of Days it fell.	Amount collected.
	in.	°	°	°	°	°	°	°	°	°	in.	grs.	grs.		grs.							in.
January	29·891	55·0	28·1	26·9	47·3	36·2	11·1	41·7	+5·4	37·9	0·228	2·6	0·4	87	552	4	0	9	18	6·6	12	1·
February	29·852	55·9	21·0	34·9	45·0	33·5	11·5	38·7	+0·1	34·2	0·197	2·3	0·5	85	555	5	7	11	5	7·1	9	0·
March –	30·013	65·4	22·6	42·8	52·8	36·6	16·2	43·7	+2·7	38·2	0·231	2·7	0·6	81	552	7	3	6	15	6·5	11	0·
April –	29·704	79·7	30·5	49·2	61·5	41·3	20·2	50·0	+4·0	43·6	0·284	3·3	0·8	79	539	4	7	6	13	5·8	14	1·
May –	29·803	77·6	31·1	46·5	63·2	40·7	22·5	50·5	−2·0	42·8	0·275	3·2	1·0	76	541	12	8	4	7	6·8	15	0·
June –	29·939	83·7	37·5	46·2	71·1	48·3	22·8	58·0	−0·2	49·5	0·355	3·9	1·5	74	535	8	9	7	6	6·4	6	2·
July –	29·826	92·0	46·2	45·8	79·0	53·6	25·4	64·4	+2·8	54·6	0·427	4·7	2·0	70	526	3	6	7	15	5·7	10	2·
August –	29·783	81·2	44·0	37·2	72·1	51·5	20·6	60·3	−0·5	53·3	0·407	4·5	1·3	78	530	3	4	8	16	6·8	12	1·
September	29·752	78·1	43·4	34·7	68·4	50·3	18·1	57·9	+1·4	53·1	0·404	4·5	0·8	84	531	1	3	12	14	6·8	16	2·
October –	29·708	69·6	36·0	33·6	59·5	45·7	13·8	51·7	+2·1	48·7	0·344	3·9	0·4	90	537	2	3	13	13	7·2	17	3·
November	29·779	62·6	25·0	37·6	48·4	36·6	11·8	42·0	−0·3	38·3	0·231	2·7	0·4	87	550	6	6	8	10	6·6	10	1·
December	29·612	53·3	18·5	34·8	37·9	28·6	9·3	33·2	−5·9	29·9	0·166	2·0	0·2	88	557	10	6	4	11	7·2	12	1·
Means	29·805	71·2	32·0	39·2	58·8	41·9	16·9	49·4	+0·8	43·7	0·296	3·4	0·8	82	542	65	62	95	143	6·6	144	19
																Sums.					Sum	Su

TABLE 19.—METEOROLOGICAL TABLE FOR LONDON, 1874.

(Deduced from Observations, at Greenwich, under the Superintendence of the Astronomer Royal, and compiled from Quarterly Tables, furnished to the Registrar General by James Glaisher, Esq., F.R.S.)

Winter . . Jan., Feb., March. Spring . . April, May, June. Summer . . July, Aug., Sept. Autumn . . Oct., Nov., Dec.	Temperature of Air. Mean.	Temperature of Air. Diff. from Average of 103 Years.	Temperature of Air. Diff. from Average of 33 Years.	Temperature of Evaporation. Mean.	Temperature of Evaporation. Diff. from Average of 33 Years.	Temperature of Dew Point. Mean.	Temperature of Dew Point. Diff. from Average of 33 Years.	Temperature of Air—Daily Range. Mean.	Temperature of Air—Daily Range. Diff. from Average of 33 Years.	Elastic Force of Vapour. Mean.	Elastic Force of Vapour. Diff. from Average of 33 Years.	Weight of Vapour in a Cubic Foot of Air. Mean.	Weight of Vapour in a Cubic Foot of Air. Diff. from Average of 33 Years.	Degree of Humidity. Mean (Sat^{n} = 100).	Degree of Humidity. Diff. from Average of 33 Years.	Reading of Barometer. Mean.	Reading of Barometer. Diff. from Average of 33 Years.	Weight of a Cubic Foot of Air. Mean.	Weight of a Cubic Foot of Air. Diff. from Average of 33 Years.	Rain. Amount.	Rain. Diff. from Average of 59 Years.	Reading of Thermometer on Grass. Number of Nights it was At or below 30°.	Reading of Thermometer on Grass. Number of Nights it was Between 30° and 40°.	Reading of Thermometer on Grass. Number of Nights it was Above 40°.	Reading of Thermometer on Grass. Lowest Reading at Night.	Reading of Thermometer on Grass. Highest Reading at Night.
1874.	°	°	°	°	°	°	°	°	°	in.	in.	grs.	gr.			in.	in.	grs.	grs.	in.	in.	Sums.			°	°
YEAR .	49·4	+0·8	−0·1	46·6	0·0	43·7	0·0	17·0	+1·3	0·296	0·000	3·4	+0·1	82	0	29·805	+0·031	542	+1	20·0	−5·0	116	120	129	12·0	58·0
First Quarter .	41·4	+2·7	+1·6	39·3	+1·4	36·8	+1·3	12·9	+1·1	0·219	+0·010	2·5	+0·2	84	−1	29·919	+0·161	553	+1	2·4	−2·6	48	32	10	14·3	46·8
Second do. . .	52·8	+0·6	−0·2	49·0	−0·2	45·3	−0·3	21·9	+1·8	0·305	−0·004	3·5	0·0	76	0	29·815	+0·028	538	0	4·2	−1·5	22	42	27	20·2	55·0
Third do. . .	60·9	+1·2	+0·6	57·0	+0·7	53·7	+0·8	21·4	+1·6	0·413	+0·009	4·6	+0·1	77	0	29·787	−0·013	529	−1	6·2	−1·1	0	17	75	33·9	58·0
Fourth do. . .	42·3	−1·4	−2·4	40·9	−1·9	39·0	−1·9	11·6	−0·4	0·247	−0·014	2·9	−0·1	88	+1	29·700	−0·053	548	+2	7·2	+0·2	46	29	17	12·0	51·9

In this Table, + and − respectively signify that the numbers in the *preceding* column are *above* or *below* the average to the extent of the quantities to which these signs are prefixed.

TABLE 20.—**Number of Houses, &c.** supplied by the several **London Water Companies** during each MONTH of the Year 1874; also the **Average Daily Supply of Water** in GALLONS by the several COMPANIES during each MONTH. (Compiled from Returns furnished by the several Companies during the Year.)

COMPANIES.	NUMBER OF HOUSES, &c. SUPPLIED IN											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Total Houses supplied -	508,329	508,465	508,818	509,017	510,033	510,571	512,203	512,540	512,825	513,520	513,772	514,142
FROM THAMES - - - - - -	238,366	238,486	238,786	239,456	239,673	240,198	240,510	240,714	240,964	241,240	241,404	241,550
FROM LEA AND OTHER SOURCES - -	269,963	269,979	270,032	269,561	270,360	270,373	271,693	271,826	271,861	272,280	272,368	272,592
FROM THAMES.												
CHELSEA - - - - - -	28,395	28,395	28,395	28,467	28,395	28,467	28,467	28,467	28,467	28,467	28,490	28,490
WEST MIDDLESEX - - - - -	45,375	45,387	45,507	45,604	45,754	45,991	46,117	46,151	46,243	46,363	46,363	46,404
SOUTHWARK AND VAUXHALL - -	79,525	79,550	79,582	79,596	79,638	79,679	79,722	79,764	79,786	79,808	79,832	79,856
GRAND JUNCTION - - - - -	34,718	34,718	34,718	35,144	35,144	35,144	35,144	35,144	35,144	35,144	35,144	35,144
LAMBETH - - - - - -	50,353	50,436	50,584	50,645	50,742	50,917	51,060	51,188	51,324	51,458	51,575	51,653
FROM LEA AND OTHER SOURCES.												
NEW RIVER - - - - - -	121,839	121,855	121,908	122,063	122,121	122,134	122,296	122,429	122,464	122,660	122,748	122,792
EAST LONDON - - - - -	105,562	105,562	105,562	105,562	105,562	105,562	106,459	106,459	106,459	106,459	106,459	106,459
KENT - - - - - -	42,562	42,562	42,562	41,936	42,677	42,677	42,938	42,938	42,938	43,161	43,161	43,341

COMPANIES.	AVERAGE DAILY SUPPLY OF WATER IN GALLONS DURING THE MONTH OF											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Total Quantities supplied -	109,118,500	109,013,458	109,544,116	112,124,179	121,281,839	125,629,086	127,563,243	127,649,728	120,870,965	116,336,586	111,277,035	106,107,278
FROM THAMES - - - - -	57,905,464	57,172,144	57,489,758	59,442,915	63,076,863	64,473,099	66,027,677	65,103,228	61,816,750	60,105,677	57,439,311	54,757,682
FROM LEA AND OTHER SOURCES - -	51,213,036	51,841,314	52,054,358	52,681,264	58,204,976	61,155,987	61,535,566	62,546,500	59,054,215	56,230,909	53,837,724	51,349,596
FROM THAMES.												
CHELSEA - - - - - -	7,793,100	8,103,600	8,066,700	8,282,400	8,648,000	8,703,000	9,115,800	8,686,100	8,065,700	7,861,500	7,514,000	7,240,000
WEST MIDDLESEX - - - - -	8,726,122	8,673,611	8,715,561	9,116,264	10,062,205	10,711,795	11,079,436	10,356,837	9,907,503	9,335,686	9,068,251	8,634,746
SOUTHWARK AND VAUXHALL - -	18,988,275	18,126,320	18,105,200	18,100,000	18,850,300	18,970,500	18,972,350	18,973,610	18,973,822	18,952,780	18,000,500	17,160,000
GRAND JUNCTION - - - - -	10,958,367	10,702,613	10,949,397	11,623,051	12,135,958	12,351,404	12,740,191	12,802,981	11,293,245	10,953,511	10,239,160	10,219,436
LAMBETH - - - - - -	11,439,600	11,566,000	11,652,900	12,321,200	13,380,400	13,736,400	14,119,900	14,283,700	13,576,480	13,002,200	12,617,400	11,503,500
FROM LEA AND OTHER SOURCES.												
NEW RIVER - - - - - -	23,773,000	23,864,000	24,133,000	25,016,000	28,584,000	29,379,000	29,552,000	30,433,000	29,078,000	26,931,000	26,086,000	22,925,000
EAST LONDON - - - - -	21,096,100	21,674,000	21,369,000	20,685,000	22,493,200	24,541,880	24,639,000	24,995,600	23,357,000	22,853,000	21,614,500	22,081,800
KENT - - - - - -	6,343,936	6,303,314	6,552,358	6,980,264	7,127,776	7,235,107	7,344,566	7,117,900	6,619,215	6,446,909	6,137,224	6,342,796

Note. The quantities of water in the above Table include the supply for various purposes other than for domestic consumption.

TABLE **21.—Average Number of Houses, &c.** supplied by the several **London Water Companies** during the Year 1874; the **Average Daily Supply of Water** in GALLONS, and in CUBIC METRES* for ALL PURPOSES, in GALLONS for DOMESTIC PURPOSES, and the NUMBER of GALLONS supplied to each HOUSE. (Compiled from Returns furnished by the several Water Companies during the Year.)

WATER COMPANIES.	AVERAGE NUMBER of HOUSES supplied during the Year.	AVERAGE DAILY SUPPLY OF WATER DURING THE YEAR IN				
		Gallons.†	Cubic Metres.†	Gallons used for Domestic purposes (estimated).	Gallons used for Domestic purposes daily to each House.	
					1873.	1874.
Total - -	511,186	116,376,335	528,751	95,428,595	184	187
FROM THAMES - - - - -	240,112	60,400,881	274,429	49,528,723	207	206
FROM LEA AND OTHER SOURCES - -	271,074	55,975,454	254,322	45,899,872	164	169
FROM THAMES.						
CHELSEA - - - - - -	28,447	8,173,325	37,135	6,702,126	239	236
WEST MIDDLESEX - - -	45,938	9,532,335	43,310	7,816,515	172	170
SOUTHWARK AND VAUXHALL - -	79,695	18,514,471	84,120	15,181,867	189	190
GRAND JUNCTION - - -	35,037	11,414,110	51,860	9,359,570	277	267
LAMBETH - - - - -	50,995	12,766,640	58,004	10,468,645	200	205
FROM LEA AND OTHER SOURCES.						
NEW RIVER - - - - -	122,276	26,646,167	121,066	21,849,857	166	179
EAST LONDON - - - -	106,010	22,616,673	102,758	18,545,672	176	175
KENT - - - - - -	42,788	6,712,614	30,498	5,504,343	127	129
Columns - -	1.	2.	3.	4.	5.	6.

Note.—According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that during the year 1866 about 82 per cent. of the total supply of water for all purposes was for domestic use; this proportion has been applied in estimating the quantities for the year 1874 in column 4., showing the gallons probably used for domestic purposes.

The average daily quantity of water supplied by the London Companies during the year 1874 was 116,376,335 gallons (528,751 cubic metres, equal to about as many *tuns* by measure, *tons* by weight), of which about 95,428,595 gallons (433,576 cubic metres) were probably used for domestic purposes. The quantity used daily for domestic purposes was 186·7 gallons (84·8 decalitres) to each house and 26·3 gallons (11·9 decalitres) to each person. The returns of the water companies include uninhabited as well as inhabited houses.

* A cubic metre is equal in volume to 35·3 cubic feet, or to 220·09668 imperial gallons. It is nearly equivalent to the old English *tun* of four hogsheads, holding 35·248 cubic feet. It is in general use on the Continent; and its volume of water weighs a metric ton, differing inconsiderably in weight from the ton in common use. It is equal to 100 decalitres. One decalitre equals 2·2009668 gallons.

† The quantities of water in columns 2. and 3. include the supply for various purposes other than for domestic consumption.

REPORT on the ANALYSIS of the WATERS supplied by the METROPOLITAN WATER COMPANIES during the several MONTHS of the YEAR 1874. By Professor FRANKLAND, D.C.L., F.R.S., &c.

Royal College of Chemistry,
25th February 1875.

SIR,

I HAVE to submit to you the accompanying tabular statement of the results of the chemical examination of the water supply of London, as furnished by the eight Metropolitan Companies during the year 1874. In addition, the temperature of each sample at the time of collection, and the condition of the water as regards its clearness or turbidity have been noted, and in all cases of turbidity the sediment deposited by the water on standing has been examined microscopically.

Table A. gives the temperature of the water as it issued from the main at the moment of collection. Classing the waters in three groups according to their sources I found the following variations of temperature :—

The Thames water, as supplied by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies, varied in temperature from 2°·2 C. (36° Fahr.) in February, to 21°·1 C. (70° Fahr.) in June.

The Lea water, delivered by the New River and East London Companies, ranged from 3°·5 C. (38°·3 Fahr.) in February, to 20°·5 C. (68°·9 Fahr.) in June.

The deep well water of the Kent Company exhibited a minimum temperature of 10°·6 C. (51°·1 Fahr.) in May, and a maximum of 15° C. (59° Fahr.) in September and October.

It will thus be seen that the temperature of the river waters varied with the season, passing through a range of no less than 18°·9 C. (34° Fahr.); and they were, in consequence, unpleasantly warm in summer, and very near the freezing point in winter. The deep well water was, on the contrary, almost constant in temperature and independent of the season, the extreme range being only 4°·4 C. (7°·9 Fahr.), and the greatest departure from the average temperature 2°·6 C. (4°·7 Fahr.)

Table B. shows the weight of solid impurity found in 100,000 parts by weight of water. This impurity is composed of a great variety of substances, some of which are organic and very objectionable, and at times eminently noxious, and others are either entirely or comparatively harmless. The progressive increase in the quantity of these impurities which occurred during the years 1871–2–3 has apparently ceased, and I have to report that during the year 1874 a slight diminution in the amount has taken place in all the supplies. In the Thames water the maximum was observed in January, and the minimum in July; in the Lea water the maximum in February and the minimum in June; and in the deep well water the maximum in October and the minimum in December.

Tables C. and D. present the proportion of actually existing organic impurity present in the waters, as represented by its two most important constituents, carbon and nitrogen. The value of these indications is manifest, as the pollution of the Thames and Lea is very largely of animal origin. The character of the Thames water is practically the same as in the preceding year, having undergone but a very slight deterioration in quality, but the water derived from the Lea has decidedly improved. The deep well water from the chalk has again suffered a marked deterioration. The maximum organic pollution in the water drawn from the Thames occurred in March, April, and December, when the river was in a very objectionable condition. In December the Chelsea Company supplied this foul water in an unfiltered condition, and contaminated with fæcal matter.

Table E. The deep well water supplied by the Kent Company continues to be distinguished from the other supplies by containing a less proportion of organic matter, and is, therefore, again taken as the standard for comparison in this table. Taking the amount of organic elements (organic carbon and organic nitrogen) in it as unity, the maximum, minimum, and average proportions in each of the other seven Metropolitan waters supplied during 1874 were as follows :—

	Maximum.	Minimum.	Average.
Kent - - -	1·0	1·0	1·0
New River - - -	3·0	1·1	1·5
East London - -	4·3	1·5	2·7
West Middlesex - -	4·3	2·0	3·0
Southwark - - -	5·0	2·3	3·3
Grand Junction - -	4·9	2·4	3·3
Lambeth - - -	4·8	2·0	3·4
Chelsea - - -	7·1	2·3	3·7

The water of the Thames and Lea is, at their sources, as free from pollution as the chalk well water, but on its downward course the river water becomes largely and progressively contaminated by sewage and the washings of cultivated land, and especially so during the winter.

Tables F. and G. need no comment.

Table H. shows the total weight of combined nitrogen, which, after deducting a small correction for that present in average rain water, constitutes the total evidence both of past and present pollution by nitrogenous organic matter. But during the spring and summer months this is largely diminished by the abundant animal and vegetable life then existing in the rivers, and consequently, as far as it is to serve as an indication of pollution, the combined nitrogen found during the autumn and winter months only must receive consideration. During the months of January, February, March, October, November, and December, 1873, the average proportion of total combined nitrogen in 100,000 parts of Thames water was ·293 part, and in the same period of 1874 it was ·219 part. In the same quantity of water derived from the river Lea it was ·281 part in 1873, and ·185 part in 1874. The deep chalk well water supplied by the Kent Company is unaffected by animal or vegetable life, and the average may, therefore, be taken on the whole year, in 1873 it was ·471 part and ·383 part in 1874.

It will thus be seen that, while the Thames water during 1874 was in practically the same condition as regards existing organic contamination (see tables C. and D.) as in 1873, it had undergone a considerable improvement in the matter of total combined nitrogen. The water from the Lea had improved greatly in both points, and the Kent water has slightly deteriorated in regard to actual organic matter, and decidedly improved with reference to total combined nitrogen.

Table I. gives the *past* as distinguished from the *present* or existing contamination of the water by sewage and animal substances, showing in terms of average London sewage the proportion of previous animal contamination as estimated from Tables F. and G. This evidence is defective during the spring and summer months for the reasons which have already been referred to as affecting the results given in Table H. This action of animal and vegetable organisms may even obliterate altogether the evidence of previous sewage pollution, and it has actually done so during the past year on five occasions in the case of the East London Company's water, and once in that of the New River Company. It is well known that the former water is originally contaminated by organic matter in a greater degree than the latter, but it is stored for a period of from two to three weeks before being filtered, whilst the latter water is sent with little delay from the river to the filters. In August, the evidence of previous sewage contamination had been completely removed from the East London Company's water, while that of the New River Company corresponded to 830 parts of London sewage. This evidence is of great value in the Thames and Lea water, owing to the likelihood of morbific matter derived from animal excreta being carried down the stream without undergoing decomposition. This need not be feared in the deep chalk well water, as the slow filtration which it undergoes in passing through so great a thickness of chalk is an ample protection.

Table K. exhibits the quantity of chlorine found in the various samples. The numbers obtained prove that the tidal waters of the Thames and Lea, had in no case during 1874 obtained entrance to the reservoirs or filters of the water companies.

Table L. shows the hardness of the samples analysed; or the weight of carbonate of lime, or its equivalent of other soap-destroying substances, found in 100,000

parts of water. The average hardness of the Thames water was 21° or parts in 1873, and 19°·7 or parts in 1874; of the Lea water 21°·7 or parts in 1873, and 19°·7 or parts in 1874; and of the Kent Company's water 29°·9 or parts in 1873, and 28°·1 or parts in 1874. Large quantities of soap or soda are required to soften these waters before they are used for washing, but this could be accomplished for a small fraction of the expense by substituting lime for soap or soda, as practised on similar waters at Aylesbury, Canterbury, Caterham, and Tring.

Lastly, Table M. shows the annual average of each determination, thus summarizing the average results of analysis of the water supply from each company during the year.

The following table exhibits the degree of efficiency of filtration of Thames and Lea water as carried on by the various companies in 1874 :—

Names of Companies.	Number of Occasions when clear and transparent.	Number of Occasions when slightly turbid.	Number of Occasions when turbid.	Number of Occasions when very turbid.
Thames.				
Chelsea	6	5	0	2
West Middlesex	12	1	0	0
Southwark	8	5	0	0
Grand Junction	7	5	1	0
Lambeth	8	5	0	0
Other Sources.				
New River	10	3	0	0
East London	10	3	0	0
Kent	13	0	0	0

The Kent Company's deep well water, having already undergone natural filtration through an enormous thickness of chalk, is always clear and transparent without artificial filtration.

The filtration of the water of the Thames and Lea during 1874 has not been so effectual as during 1873, the appliances of all the companies supplying Thames water, except the West Middlesex, being quite unequal to the work required of them. The slight turbidity in the New River Company's water in two out of the three cases noted in the table was due to accidental causes, and not to inefficient filtration.

When examined by the microscope, the sediment deposited by turbid water on standing is almost always found to contain numbers of living and moving organisms. During the year 1874 such organisms have been observed in the Chelsea, Southwark, and Grand Junction Companies water five times each, in that of the Lambeth Company four times, in that of the East London Company twice, and of the New River once. The annexed table exhibits the results of such microscopic examinations during the past six years :—

	Number of occasions when living organisms were found.					
	1869.	1870.	1871.	1872.	1873.	1874.
Chelsea	3	2	2	3	2	5
West Middlesex	0	0	0	0	0	0
Southwark	8	1	4	1	2	5
Grand Junction	4	1	1	2	3	5
Lambeth	5	0	4	6	3	4
New River	0	0	0	0	1	1
East London	4	3	3	1	0	2
Kent	0	0	0	0	0	0

I have, &c.

E. Frankland.

Table A.

Temperature (in Centigrade degrees) of the Metropolitan Waters, as delivered from the different Companies' Mains.

Names of Companies.	1874.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
Thames.													
Chelsea - -	5·8	4·2	8·0	10·0	15·0	17·2	16·7	17·2	15·6	15·6	10·6	5·6	11·8
West Middlesex -	5·5	4·2	7·9	10·6	15·5	21·1	17·3	17·7	16·7	16·7	11·1	5·6	12·5
Southwark - -	6·4	3·5	8·4	10·8	15·5	20·5	17·3	20·6	16·1	16·7	10·6	5·6	12·7
Grand Junction -	4·5	2·2	5·6	9·4	16·1	17·2	16·7	17·2	14·4	15·6	11·8	5·6	11·4
Lambeth - -	6·1	4·2	6·8	10·3	15·0	20·0	16·7	17·2	15·6	15·6	10·6	6·1	12·0
Other Sources.													
New River - -	5·7	5·5	6·1	10·6	15·5	20·5	17·3	17·9	16·1	16·1	11·1	4·4	12·2
East London -	8·1	3·5	8·0	11·0	15·0	17·2	16·7	17·2	15·0	15·6	10·6	3·9	11·8
Kent - - -	11·1	11·0	12·1	14·1	10·6	12·2	11·7	11·7	15·0	15·0	11·7	12·8	12·4

Table B.

Weight of Solid Impurity in 100,000 parts of the Waters.

Names of Companies.	1874.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
Thames.													
Chelsea - -	29·24	31·12	30·96	25·54	24·32	24·00	24·64	23·80	24·10	25·80	27·50	26·50	26·46
West Middlesex -	32·90	32·58	29·30	26·12	25·10	23·82	22·76	23·30	24·00	23·14	27·20	29·26	26·62
Southwark - -	29·78	32·24	31·08	24·90	24·50	23·88	22·28	23·92	26·66	24·76	27·76	28·50	26·68
Grand Junction -	30·22	32·60	31·44	26·36	25·94	24·52	24·10	23·28	23·92	25·10	28·16	28·40	27·00
Lambeth - -	30·02	32·56	32·24	27·58	26·48	25·72	25·36	24·60	26·30	26·34	28·70	28·66	27·88
Other Sources.													
New River - -	31·46	30·14	28·08	22·34	23·92	18·82	25·00	25·46	25·32	26·44	25·40	29·90	26·02
East London -	34·04	34·54	29·90	27·10	26·18	23·30	24·02	21·60	22·40	23·80	28·80	29·94	27·13
Kent - - -	40·54	39·64	40·42	41·00	39·92	40·44	39·64	39·88	41·00	41·58	40·80	39·44	40·36

Table C.

Organic Carbon in 100,000 parts of the Waters.

Names of Companies.	1874.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
Thames.													
Chelsea - -	·172	·181	·339	·288	·195	·189	·146	·129	·149	·143	·242	·359	·211
West Middlesex -	·133	·225	·302	·208	·159	·193	·124	·140	·124	·143	·174	·192	·176
Southwark - -	·170	·186	·348	·226	·173	·167	·140	·165	·209	·141	·191	·186	·192
Grand Junction -	·157	·181	·327	·239	·164	·171	·150	·129	·171	·168	·192	·188	·186
Lambeth - -	·214	·173	·325	·239	·185	·206	·165	·163	·188	·163	·120	·210	·196
Other Sources.													
New River - -	·064	·119	·112	·082	·072	·071	·102	·062	·164	·080	·064	·055	·087
East London -	·087	·204	·251	·183	·161	·194	·126	·128	·141	·098	·139	·130	·153
Kent - - -	·056	·057	·065	·067	·063	·053	·033	·054	·067	·062	·055	·052	·057

TABLE D.

ORGANIC NITROGEN in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1874.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
THAMES.													
Chelsea - - -	·030	·030	·046	·038	·035	·028	·037	·026	·051	·039	·044	·065	·039
West Middlesex -	·022	·036	·031	·045	·020	·022	·014	·022	·035	·036	·026	·027	·028
Southwark - -	·031	·027	·044	·027	·022	·021	·021	·035	·037	·033	·030	·029	·030
Grand Junction -	·020	·030	·039	·042	·030	·036	·043	·034	·026	·032	·027	·037	·033
Lambeth - -	·043	·044	·036	·046	·031	·035	·024	·027	·049	·043	·017	·044	·037
OTHER SOURCES.													
New River - -	·011	·012	·011	·010	·011	·013	·016	·028	·024	·027	·012	·008	·015
East London -	·016	·042	·039	·021	·017	·041	·040	·014	·020	·037	·019	·018	·027
Kent - - -	·011	·012	·013	·008	·012	·014	·006	·013	·014	·014	·015	·008	·012

TABLE E.

PROPORTIONAL AMOUNT of ORGANIC ELEMENTS, that in the KENT Company's Water being taken as 1.

NAMES OF COMPANIES.	1874.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
THAMES.													
Chelsea - -	3·0	3·1	4·9	4·3	3·1	3·2	4·7	2·3	2·5	2·4	4·1	7·1	3·7
West Middlesex -	2·3	3·8	4·3	3·4	2·4	3·2	3·5	2·4	2·0	2·4	2·9	3·7	3·0
Southwark - -	3·0	3·1	5·0	3·4	2·6	2·8	4·1	3·0	3·0	2·3	3·2	3·6	3·3
Grand Junction -	2·6	3·1	4·7	3·7	2·6	3·1	4·9	2·4	2·4	2·6	3·1	3·8	3·3
Lambeth - -	3·8	3·1	4·6	3·8	2·9	3·6	4·8	2·8	2·9	2·7	2·0	4·2	3·4
OTHER SOURCES.													
New River - -	1·1	1·9	1·6	1·2	1·1	1·3	3·0	1·3	2·3	1·4	1·1	1·1	1·5
East London -	1·5	3·6	3·7	2·7	2·4	3·5	4·3	2·1	2·0	1·8	2·3	2·5	2·7
Kent - - -	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0

TABLE F.

AMMONIA in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1874.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
THAMES.													
Chelsea - -	·001	·002	·001	·001	·002	·001	·001	·001	·001	·000	·001	·002	·001
West Middlesex -	·001	·003	·001	·001	·002	·001	·000	·000	·000	·000	·000	·001	·001
Southwark - -	·001	·003	·002	·001	·001	·002	·000	·000	·000	·000	·000	·002	·001
Grand Junction -	·001	·002	·002	·001	·002	·001	·002	·000	·000	·000	·001	·001	·001
Lambeth - -	·001	·004	·001	·001	·001	·000	·000	·000	·000	·000	·001	·002	·001
OTHER SOURCES.													
New River - -	·001	·006	·000	·001	·000	·000	·000	·000	·000	·000	·001	·001	·001
East London -	·002	·000	·002	·001	·001	·003	·002	·000	·000	·000	·001	·001	·001
Kent - - -	·001	·000	·000	·000	·002	·000	·000	·000	·000	·000	·001	·001	·000

TABLE G.

NITROGEN as NITRATES and NITRITES in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1874.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
THAMES.													
Chelsea - -	·261	·234	·200	·147	·078	·067	·145	·069	·099	·113	·193	·259	·155
West Middlesex -	·298	·207	·187	·127	·084	·065	·040	·037	·066	·089	·149	·139	·124
Southwark - -	·205	·189	·191	·110	·058	·079	·047	·043	·096	·090	·164	·224	·125
Grand Junction -	·208	·214	·181	·129	·062	·076	·104	·053	·090	·072	·172	·193	·129
Lambeth - -	·272	·162	·172	·126	·063	·075	·162	·075	·144	·102	·185	·186	·144
OTHER SOURCES.													
New River - -	·233	·233	·223	·123	·089	·027	·114	·115	·088	·132	·184	·194	·146
East London -	·169	·180	·168	·105	·028	·026	·006	·000	·000	·004	·098	·133	·076
Kent - - -	·293	·280	·285	·340	·333	·399	·325	·352	·440	·422	·514	·472	·371

TABLE H.

TOTAL combined NITROGEN in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1874.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
THAMES.													
Chelsea - -	·292	·266	·247	·186	·115	·096	·183	·096	·151	·152	·238	·327	·196
West Middlesex -	·321	·245	·219	·173	·106	·088	·054	·059	·101	·125	·176	·167	·153
Southwark - -	·237	·218	·237	·138	·081	·102	·068	·078	·133	·123	·194	·255	·155
Grand Junction -	·229	·246	·222	·172	·094	·113	·149	·087	·116	·104	·200	·231	·164
Lambeth - -	·316	·209	·209	·173	·095	·110	·186	·102	·193	·145	·203	·232	·181
OTHER SOURCES.													
New River - -	·245	·250	·234	·134	·100	·040	·130	·143	·112	·159	·197	·203	·162
East London -	·187	·222	·209	·127	·046	·069	·048	·014	·020	·041	·118	·152	·104
Kent - - -	·305	·292	·298	·348	·347	·413	·331	·365	·454	·436	·530	·481	·383

TABLE I.

PREVIOUS SEWAGE or ANIMAL CONTAMINATION in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1874.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
THAMES.													
Chelsea - -	2300	2040	1690	1160	480	360	1140	380	680	810	1620	2290	1250
West Middlesex -	2670	1770	1560	960	540	340	80	50	340	570	1170	1080	930
Southwark - -	1740	1590	1610	790	270	490	150	110	640	580	1320	1940	940
Grand Junction -	1770	1840	1510	980	320	450	740	210	580	400	1410	1620	990
Lambeth - -	2410	1330	1410	950	320	430	1300	430	1120	700	1540	1560	1120
OTHER SOURCES.													
New River - -	2020	2060	1910	920	570	0	820	830	560	1000	1530	1630	1150
East London -	1390	1480	1380	740	0	0	0	0	0	50	670	1020	560
Kent - -	2620	2480	2530	3080	3030	3670	2930	3200	4080	3900	4830	4410	3400

TABLE K.

CHLORINE in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1874.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
THAMES.													
Chelsea - -	2·00	2·00	2·00	2·00	1·90	1·75	1·80	1·75	1·78	1·85	1·90	1·68	1·87
West Middlesex -	2·00	1·85	1·95	1·85	1·86	1·70	1·75	1·80	1·85	1·76	1·90	1·66	1·83
Southwark - -	2·00	1·90	2·00	1·85	1·90	1·80	1·72	1·70	1·84	1·80	1·88	1·60	1·83
Grand Junction -	1·90	1·90	1·90	1·90	1·90	1·85	1·76	1·80	1·76	1·80	1·85	1·66	1·83
Lambeth - -	2·20	1·90	1·95	2·00	1·75	1·95	1·76	1·68	1·80	1·85	1·90	1·70	1·87
OTHER SOURCES.													
New River - -	1·70	1·75	1·70	1·75	1·75	1·55	1·67	1·60	1·76	1·72	1·65	1·40	1·67
East London -	2·00	2·15	2·05	2·00	2·25	2·10	2·08	1·86	2·14	2·05	2·00	1·75	2·04
Kent - - -	2·50	2·60	2·55	2·50	2·56	2·60	2·40	2·32	2·60	2·51	2·45	2·12	2·48

TABLE L.

DEGREES of HARDNESS (1 deg. = 1 part of carbonate of lime, or its equivalent,) in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1874.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
THAMES.													
Chelsea - -	22·1	24·5	22·1	18·6	19·1	18·0	17·8	17·7	18·0	18·3	17·4	18·3	19·3
West Middlesex -	23·6	24·5	22·1	19·7	20·0	18·6	16·5	16·0	15·4	17·4	17·1	22·4	19·4
Southwark - -	22·7	24·8	22·7	19·4	19·4	18·6	16·3	17·4	18·3	18·6	18·9	23·3	20·0
Grand Junction -	23·3	24·8	23·6	20·6	19·7	19·1	16·2	16·3	17·7	17·4	19·1	22·7	20·0
Lambeth - -	21·5	25·1	23·3	19·4	20·6	19·1	17·4	17·4	16·6	19·1	18·9	21·8	20·0
OTHER SOURCES.													
New River - -	23·9	24·2	23·0	18·3	19·1	17·4	17·2	17·7	17·4	19·7	20·0	23·9	20·1
East London -	25·4	24·8	22·4	19·1	18·9	17·1	16·0	14·6	14·6	15·7	18·6	24·5	19·3
Kent - - -	30·0	30·0	31·4	30·3	29·7	29·7	23·0	24·5	26·0	27·5	25·7	29·7	28·1

TABLE M.

AVERAGES FOR 1874.

The numbers in this Table relate to 100,000 parts of each Water.

NAMES OF COMPANIES.	Temperature in Centigrade Degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.	Proportional Amount of organic Elements, that in the Kent Company's Water being taken as 1.
THAMES.											
Chelsea - - - -	11°·8	26·46	·211	·039	·001	·155	·196	1250	1·87	19·3	3·7
West Middlesex - -	12·5	26·62	·176	·028	·001	·124	·153	930	1·83	19·4	3·0
Southwark - - -	12·7	26·68	·192	·030	·001	·125	·155	940	1·83	20·0	3·3
Grand Junction - -	11·4	27·00	·186	·033	·001	·129	·164	990	1·83	20·0	3·3
Lambeth - - - -	12·0	27·88	·196	·037	·001	·144	·181	1120	1·87	20·0	3·4
OTHER SOURCES.											
New River - - -	12·2	26·02	·087	·015	·001	·146	·162	1150	1·67	20·1	1·5
East London - - -	11·8	27·13	·153	·027	·001	·076	·104	560	2·04	19·3	2·7
Kent - - - -	12·4	40·36	·057	·012	·000	·371	·383	3400	2·48	28·1	1·0

Fires in London during the Year 1874.

Captain Shaw, the Chief Officer of the Metropolitan Fire Brigade, reports to the Metropolitan Board of Works that the number of fires attended by the brigade during 1874 was 1573, showing a further increase of 25 upon the numbers in 1872 and 1873, although compared with the average number in the last ten years there was a decrease of 6. At the fires in 1874 the per-centage of cases in which serious damage occurred was 10, against 8 and 11 in the two preceding years. Life was seriously endangered in 73 of the fires in the Metropolis during 1874, in 19 of which loss of life occurred. The number of lives seriously endangered was 157; 134 were saved, and 23 were lost. The lives lost in 1872 and 1873 were 22 and 35.

The establishment of the Fire Brigade at the end of the year was distributed at 49 engine and 106 escape stations; there were also 4 floating stations. The number of fire engines at these stations was 114, an increase of 7 upon those in the previous year; 3 were floating steam engines, 26 land steam engines, and 85 manual engines. The number of fire escapes was 129, 4 more than in 1873. The strength of the brigade was 395, one less than in the previous year, including the chief officer, the superintendents, and all ranks. The number of firemen employed on the several watches was 108 by day, and 181 by night. During the year 93 firemen were injured, against 98 in 1873.

The quantity of water used for extinguishing fires in the Metropolis during 1874 was more than sixteen and a half millions of gallons, or about 74,000 tons. Of this quantity about a fourth was taken from the river, canals, and docks, and the remainder from the street pipes. During the year there were 9 cases of fires at which there was a short supply of water, 24 of late attendance of turncocks, and 14 of no attendance, making 47 cases in which the water arrangements were unsatisfactory.

Number of **Fires** and of **False Alarms** attended during each Month of the Year 1874.

1874.	Total Calls.	Fires.			False and Chimney Alarms.		
		Seriously damaged.	Slightly damaged.	Total.	False.	Chimneys.	Total.
Total - -	1750	154	1419	1573	89	88	177
January - - -	142	12	118	130	5	7	12
February - - -	133	8	109	117	4	12	16
March - - -	140	7	117	124	10	6	16
April - - - -	137	11	108	119	9	9	18
May - - -	152	19	118	137	6	9	15
June - - - -	166	18	135	153	9	4	13
July - - -	200	20	161	181	12	7	19
August - - -	146	14	117	131	7	8	15
September - - -	110	10	93	103	4	3	7
October - - -	114	15	88	103	8	3	11
November - - -	161	10	137	147	9	5	14
December - - -	149	10	118	128	6	15	21

LONDON:
Printed by GEORGE E. EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty.
For Her Majesty's Stationery Office.